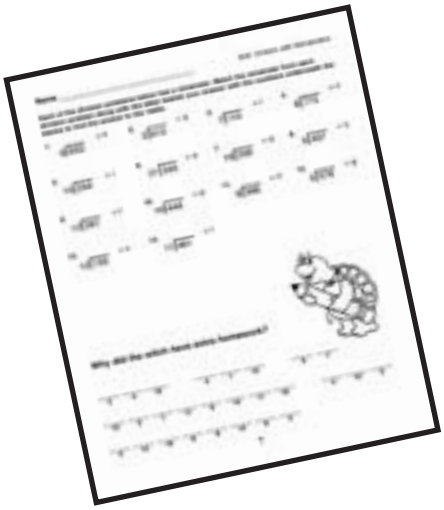
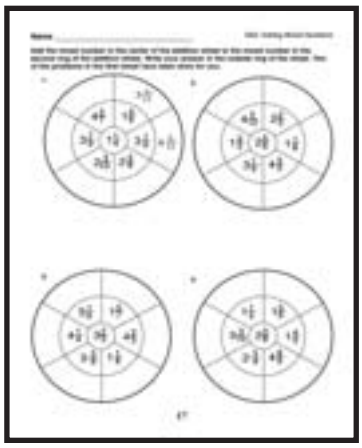
Fifth Grade Basic Skills
Math Fun Activities





Basic math skills activities necessary for developing the skills students need to succeed!

Written by: Kelley Wingate Levy

Look for all of Teacher's Friend's Basic Skills Books at your local educational retailer!

Name_____ Date_____

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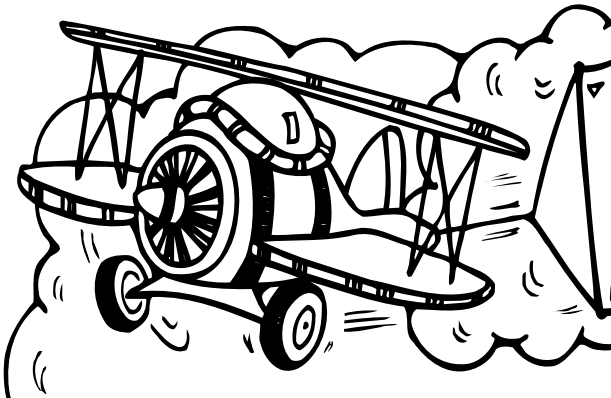

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teacher's friend publications

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Name _____ Skill: Two, Three and Four Digit Addition

Add the numbers. Use the letters beside your answers to fill in the blanks below and find the answer to the riddle.

1. 1,387 + 2,062 = **i**

2. 4,761 + 3,022 = **s**

3. 5,067 + 1,988 = **a**

4. 6,237 + 2,952 = **c**

5. 2,786 + 1,375 = **p**

6. 3,822 + 4,256 = **m**

7. 1,109 + 3,472 = **t**

8. 7,085 + 1,743 = **n**

9. 6,565 + 3,042 = **o**

10. 2,917 + 1,629 = **g**

11. 2,781 + 1,678 = **h**

12. 3,347 + 1,497 = **x**

13. 4,560 + 2,485 = **r**

14. 4,842 + 3,734 = **e**

15. 5,091 + 3,374 = **w**

Why did Mary go outside with her purse open?

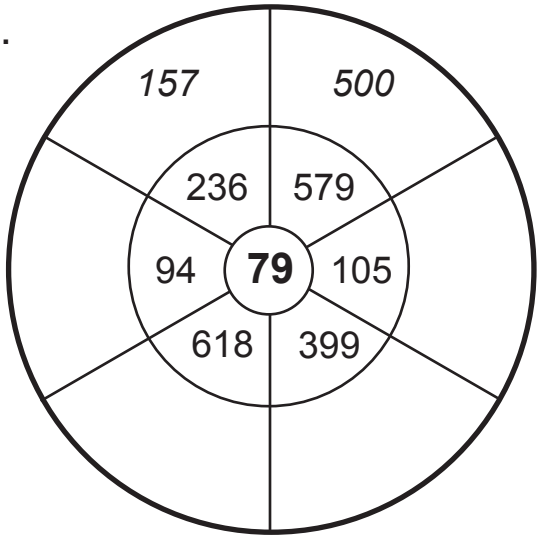
7,783	4,459	8,576		8,465	7,055	7,783				
8,576	4,844	4,161	8,576	9,189	4,581	3,449	8,828	4,546		
7,783	9,607	8,078	8,576		9,189	4,459	7,055	8,828	4,546	8,576
3,449	8,828		4,581	4,459	8,576					
8,465	8,576	7,055	4,581	4,459	8,576	7,045				

Name _____

Skill: Subtracting Two and Three Digit Numbers

Subtract the number in the center of the subtraction wheel from the number in the second ring of the subtraction wheel. Write your answer in the outside ring of the wheel. Two of the problems in the first wheel have been done for you.

1.



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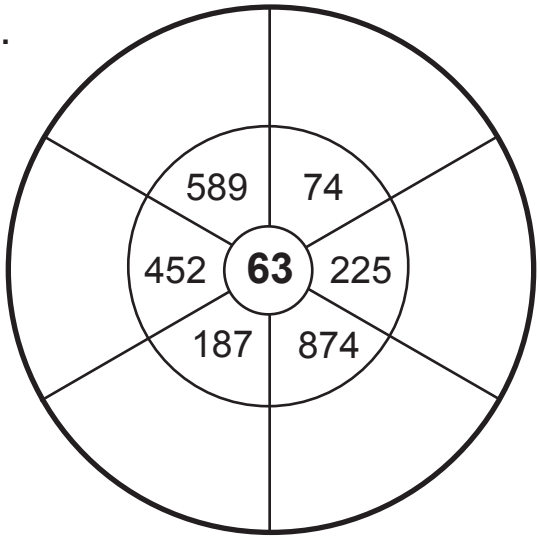

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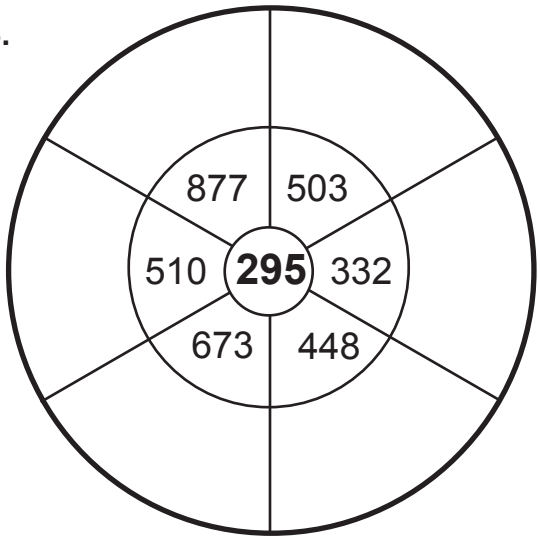

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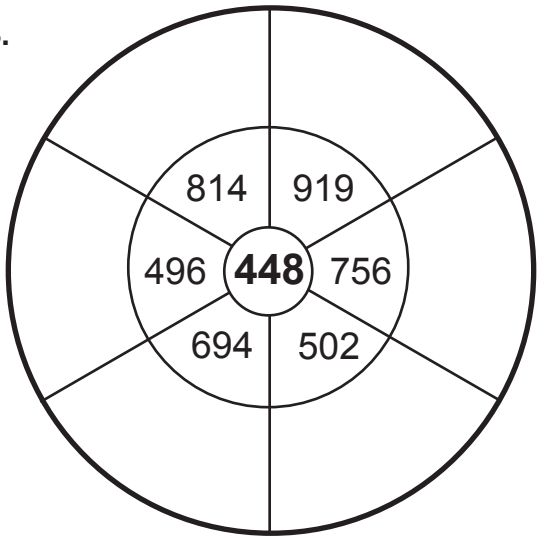

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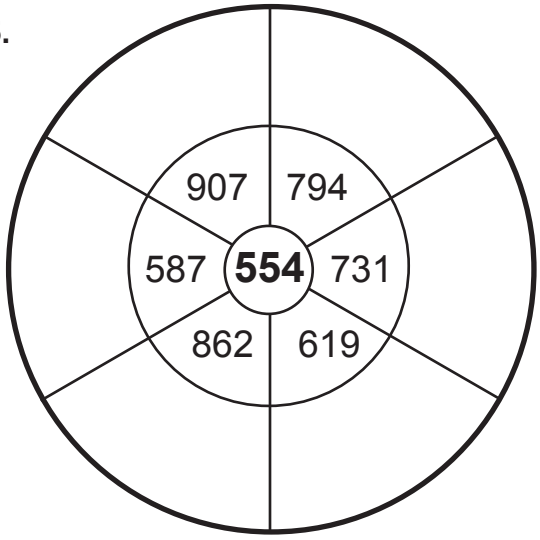

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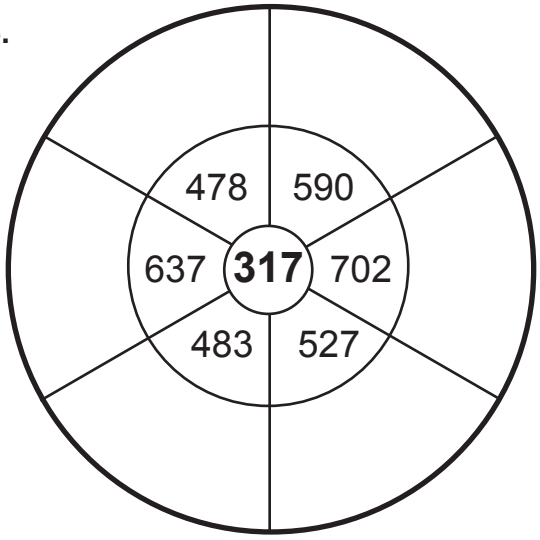


Name _____

Skill: Multiplying One, Two and Three Digit Numbers

Multiply the numbers. The correct answer to the multiplication problem will give you the answer to the trivia question.

1. What color is the blood of an octopus?

478
x 6

a. 2,868 = blue
b. 1,452 = green
c. 3,506 = red
d. 3,506 = yellow

2. What was George Washington's first real job?

197
x 32

a. 5,102 = lawyer
b. 4,877 = gardener
c. 6,304 = surveyor
d. 6,504 = store clerk

3. What is the smallest piece of information that a computer can process?

785
x 46

a. 36,100 = byte
b. 46,100 = hertz
c. 42,985 = ram
d. 36,110 = bit

4. What kind of lands are the dark patches on the moon?

367
x 52

a. 19,480 = mountains
b. 20,560 = lakes
c. 19,084 = flat lands
d. 18,760 = glaciers

5. What famous document begins with the words, "We The People of the United States"?

369
x 174

a. 64,206 = U.S. Constitution
b. 46,512 = I.R.S. Tax Code
c. 56,206 = The Bill of Rights
d. 37,166 = The Declaration of Independence

6. Where was paper money first printed?

505
x 298

a. 148,670 = Greece
b. 150,490 = China
c. 142,568 = Rome
d. 254,688 = United States

7. Which of the following animals is also known as a sea cow?

619
x 472

a. 254,368 = porpoise
b. 287,455 = sting ray
c. 350,147 = blue whale
d. 292,168 = manatee

8. About how old do scientists estimate the Earth is?

531
x 403

a. 148,670 = 40 billion years
b. 213,993 = 4 billion years
c. 142,568 = 4 million years
d. 254,688 = 40 million years

Name _____

Skill: Division with No Remainders

In each box, shade in the row of division problems that has all of the same answers.

1.

$15\overline{)660}$	$13\overline{)533}$	$9\overline{)405}$
$16\overline{)608}$	$12\overline{)540}$	$19\overline{)665}$
$18\overline{)810}$	$22\overline{)704}$	$16\overline{)688}$

2.

$26\overline{)962}$	$15\overline{)495}$	$38\overline{)912}$
$14\overline{)518}$	$36\overline{)432}$	$31\overline{)465}$
$25\overline{)925}$	$18\overline{)828}$	$28\overline{)784}$

3.

$19\overline{)456}$	$21\overline{)588}$	$34\overline{)884}$
$41\overline{)492}$	$11\overline{)682}$	$38\overline{)988}$
$38\overline{)874}$	$78\overline{)702}$	$29\overline{)754}$

4.

$13\overline{)546}$	$10\overline{)470}$	$31\overline{)837}$
$41\overline{)738}$	$22\overline{)924}$	$16\overline{)512}$
$16\overline{)592}$	$16\overline{)720}$	$18\overline{)756}$

5.

$22\overline{)594}$	$13\overline{)832}$	$12\overline{)744}$
$18\overline{)612}$	$9\overline{)576}$	$7\overline{)196}$
$26\overline{)962}$	$15\overline{)960}$	$21\overline{)672}$

6.

$8\overline{)256}$	$12\overline{)972}$	$15\overline{)705}$
$29\overline{)342}$	$9\overline{)657}$	$11\overline{)451}$
$13\overline{)936}$	$8\overline{)576}$	$4\overline{)288}$

Name _____

Skill: Division with Remainders

Each of the division problems below has a remainder. Match the remainder from each division problem along with the letter beside your answer with the numbers underneath the blanks to find the answer to the riddle.

1. $6\overline{)652}$ = h

2. $2\overline{)615}$ = a

3. $7\overline{)110}$ = r

4. $8\overline{)775}$ = o

5. $15\overline{)254}$ = i

6. $21\overline{)535}$ = e

7. $19\overline{)259}$ = d

8. $5\overline{)457}$ = s

9. $12\overline{)561}$ = t

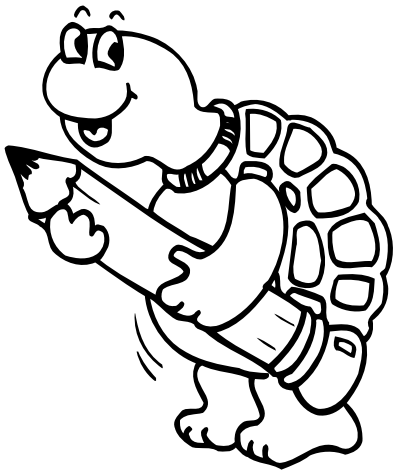
10. $16\overline{)445}$ = p

11. $9\overline{)996}$ = n

12. $5\overline{)578}$ = g

13. $12\overline{)155}$ = c

14. $11\overline{)481}$ = l



Why did the witch have extra homework?

2	**4**	**10**		**4**	**1**	**12**		**9**	**7**					
13	**5**	**1**	**11**	**9**	**14**	**11**	**10**		**4**	**10**	**5**			
2	**13**	**10**	**8**	**8**	**14**	**6**	**3**							

Name _____

Skill: Addition, Subtraction, Multiplication, Division

Add, subtract, multiply or divide to fill in the cross-number puzzle.

Across

1. 2,794 + 3,408 =

3. 321 x 38 =

6. 134 x 52 =

7. 420 ÷ 21 =

8. 75 x 17 =

11. 1,806 x 4 =

12. 8,801 - 1,859 =

Down

1. 1,254 + 5,589 =

2. 215 x 98 =

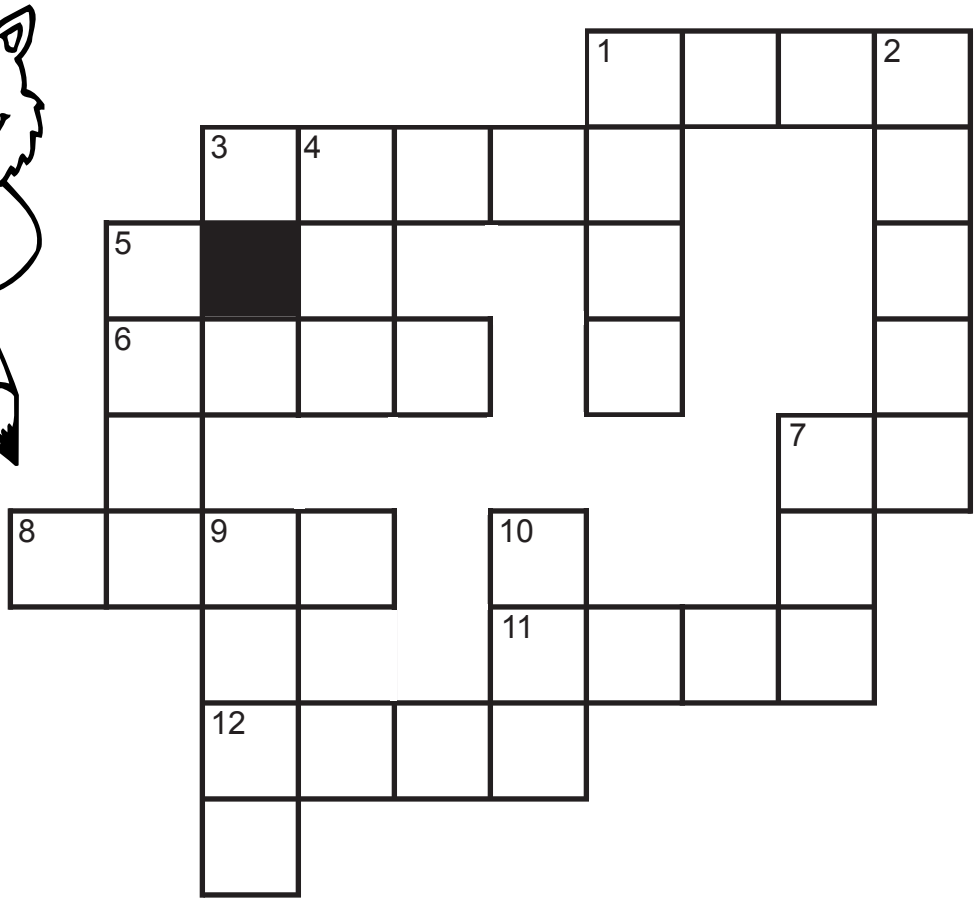
4. 4,248 ÷ 18 =

5. 47 x 36 =

7. 156 + 128 =

9. 9,027 - 1,258 =

10. 109 + 463 =



Name _____

When solving an equation with more than one type of operation, it is important to perform the operations in the correct order.

Example: 12 + 15 ÷ (3 + 2) - 3 x 2 =

1. Do the operations in parentheses first. 12 + 15 ÷ (3 + 2) - 3 x 2 = 12 + 15 ÷ 5 - 3 x 2
2. Multiply and divide from left to right. 12 + 15 ÷ 5 - 3 x 2 = 12 + 3 - 6
3. Add and subtract from left to right. 12 + 3 - 6 = 9

Solve the following equations using the correct order of operations. Match your answer and the letter beside your answer to the number below the blanks. W rite the letters in the blanks to solve the riddle.

1. (2 x 4) ÷ 2 x 7 + 5 = **= h**

2. 14 + 6 x 4 - 3 = **= w**

3. 72 ÷ 9 - 6 + 18 ÷ 9 = **= g**

4. 15 + (7 + 2) ÷ 3 + 6 x 3 = **= n**

5. (3 x 8) - 6 + (24 ÷ 6) = **=a**

6. (81 ÷ 9) ÷ (3 x 1) + 10 = **= e**

7. (35 + 13) ÷ 8 = **= d**

8. 3 + (28 - 3) ÷ 5 + (2 x 4) = **= o**

9. (9 x 5) ÷ (3 + 6) = **= l**

10. (64 ÷ 8) + (3 x 4) + 8 = **= y**

11. 8 x 2 ÷ 2 + 24 = **= i**

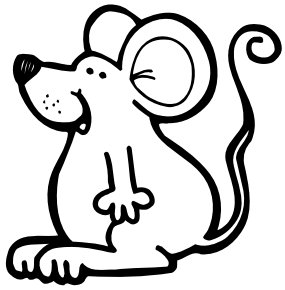
12. 16 ÷ 4 + 7 + 2 x 5 = **= t**

Why did the cowboy buy a dachshund?

33	**13**		**35**	**22**	**36**	**21**	**13**	**6**											
21	**16**		**4**	**13**	**21**		**22**			**5**	**16**	**36**	**4**						
5	**32**	**21**	**21**	**5**	**13**					**6**	**16**	**4**	**4**	**28**					

Name _____ Skill: Changing Fractions to Simplest Form

Solve the riddle.



What do you call cheese that is not yours?

To solve the riddle:

Each box below has a fraction and a letter. Reduce the fraction in each box to simplest form. If the fraction, when changed to simplest form, matches one of the fractions listed in the fraction box, cross out that box. If it does not match a fraction listed in the fraction box, circle the letter. As you circle letters, write them in the blanks. When you are finished, you will have the answer to the riddle.

Fraction Box

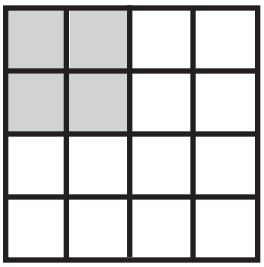
$\frac{1}{3}$	$\frac{2}{7}$	$\frac{7}{8}$	$\frac{5}{6}$	$\frac{8}{13}$	$\frac{7}{10}$	$\frac{3}{4}$	$\frac{6}{7}$	$\frac{3}{5}$

$\frac{3}{9}$ N	$\frac{6}{21}$ S	$\frac{15}{20}$ P	$\frac{15}{18}$ A	$\frac{6}{9}$ N	$\frac{28}{32}$ R	$\frac{36}{42}$ T	$\frac{4}{10}$ A
$\frac{6}{20}$ C	$\frac{14}{20}$ E	$\frac{6}{27}$ H	$\frac{10}{35}$ A	$\frac{24}{39}$ L	$\frac{4}{16}$ O	$\frac{10}{12}$ O	$\frac{9}{24}$ C
$\frac{10}{14}$ H	$\frac{18}{21}$ I	$\frac{8}{16}$ E	$\frac{16}{24}$ E	$\frac{14}{16}$ S	$\frac{15}{36}$ S	$\frac{4}{12}$ E	$\frac{4}{18}$ E

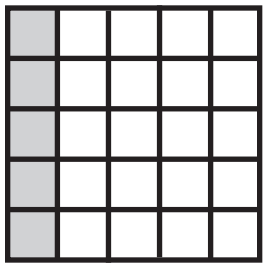
_____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____

Name _____ Skill: Changing Fractions to Simplest Form

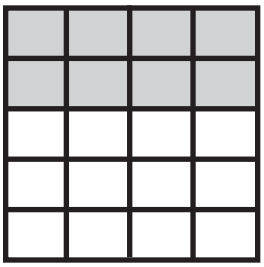
For each shape below, fill in the number of total parts of the shape and the number of parts shaded in. Reduce the fraction to simplest form. The first one has been done for you.

1. 

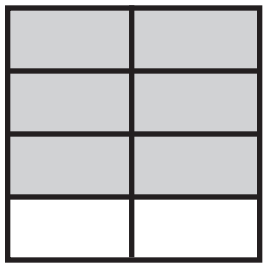
parts shaded 4 / number of parts 16 = 1/4

2. 

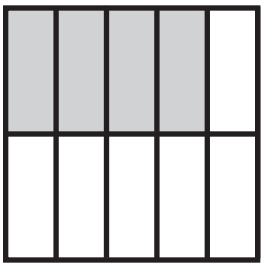
parts shaded ☐ / number of parts ☐ = ____

3. 

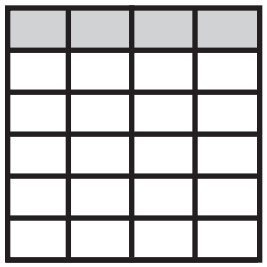
parts shaded ☐ / number of parts ☐ = ____

4. 

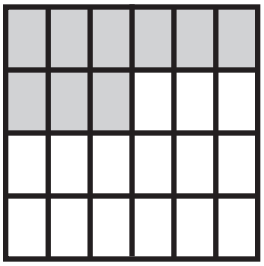
parts shaded ☐ / number of parts ☐ = ____

5. 

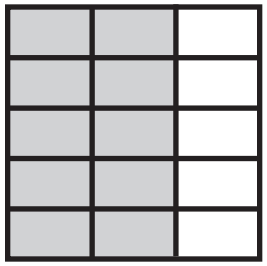
parts shaded ☐ / number of parts ☐ = ____

6. 

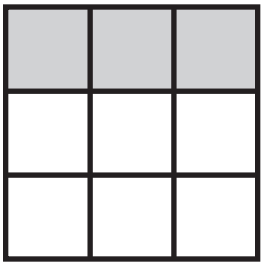
parts shaded ☐ / number of parts ☐ = ____

7. 

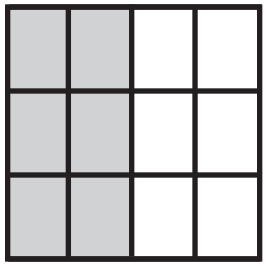
parts shaded ☐ / number of parts ☐ = ____

8. 

parts shaded ☐ / number of parts ☐ = ____

9. 

parts shaded ☐ / number of parts ☐ = ____

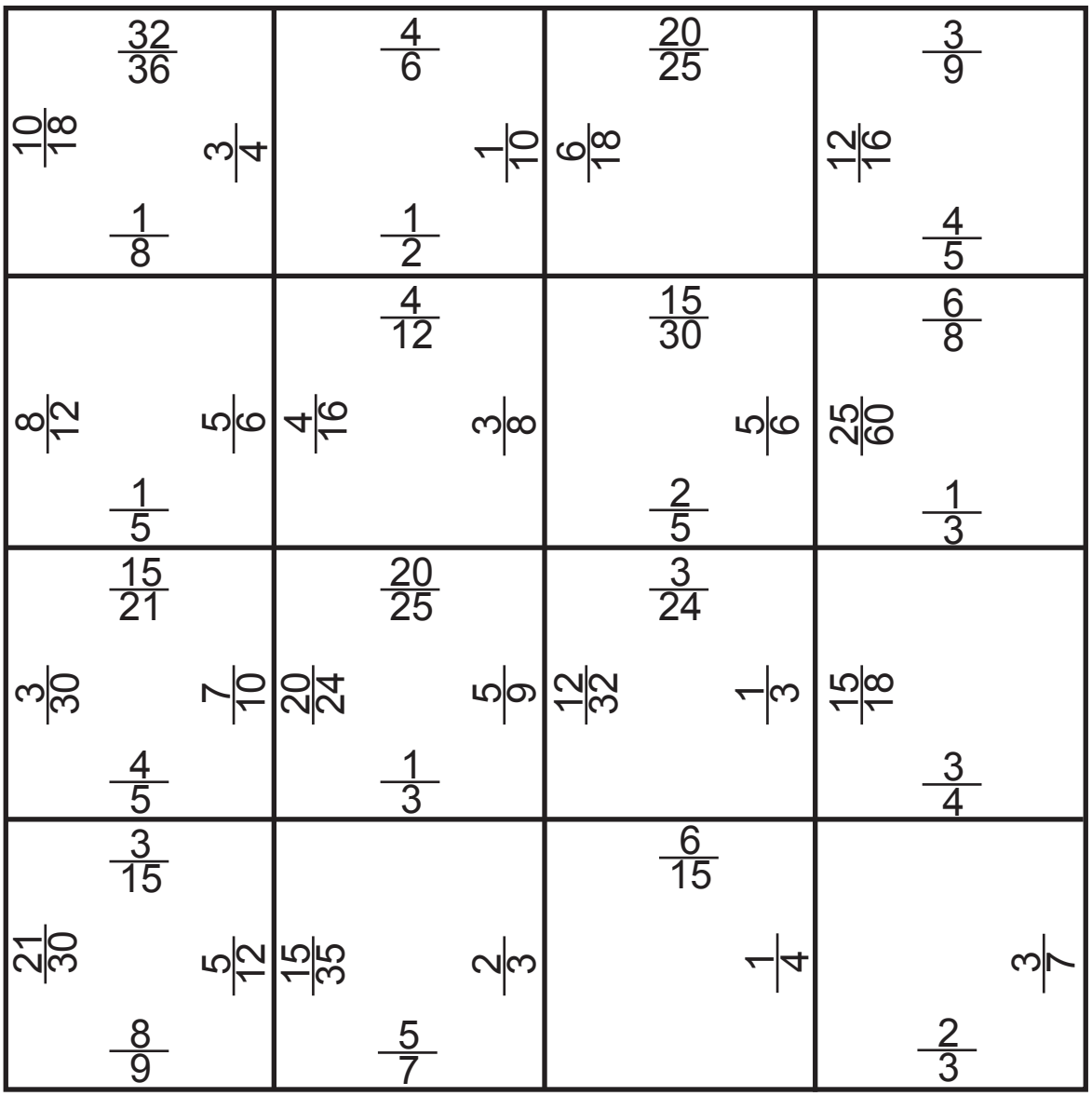
10. 

parts shaded ☐ / number of parts ☐ = ____

Name _____

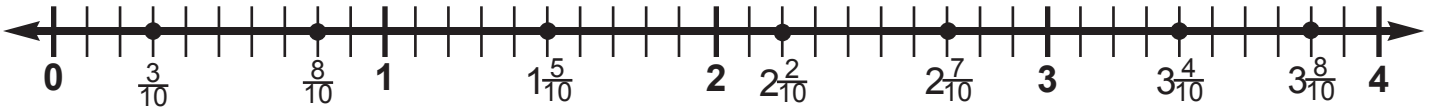
Skill: Finding Equivalent Fractions

Cut out all of the squares below along the lines. Rearrange all of the squares so that each touching edge has a fraction that is equal to the fraction on the other touching edge.



Name _____ Skill: Finding Fractions and Mixed Numbers

Use the number line to answer the questions.



1. List three fractions or mixed numbers listed on the number line between 0 and 2.

_____

2. List all of the fractions or mixed numbers listed on the number line that are not in simplest form. Give the equivalents of these fractions in simplest form.

_____

3. What is the largest mixed number listed on the number line? _____

4. What is the smallest fraction listed on the number line? _____

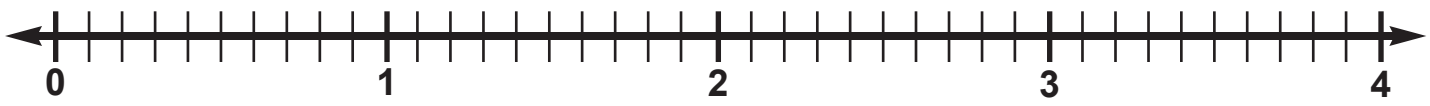
5. List four mixed numbers listed on the number line between 2 and 4.

_____

Use the number line below to plot the following fractions or mixed numbers. Draw a dot and label where the fractions or mixed numbers are located.

A. $\frac{1}{2}$ **C.** $1\frac{3}{10}$ **E.** $2\frac{1}{2}$ **G.** $3\frac{2}{5}$

B. $\frac{4}{5}$ **D.** $1\frac{4}{5}$ **F.** $2\frac{9}{10}$ **H.** $3\frac{3}{5}$



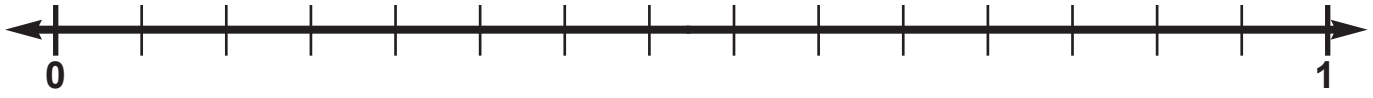
Name _____

Skill: Comparing Fractions

Rewrite the given fractions in the correct order on the line. Plot each fraction on the number line.

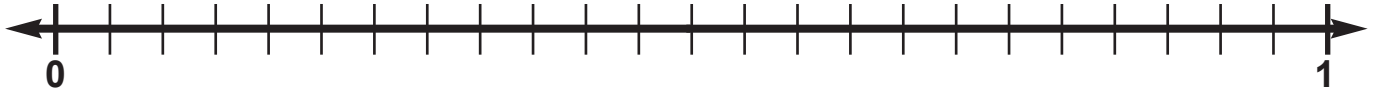
1. $\frac{1}{2}, \frac{7}{10}, \frac{2}{5}, \frac{1}{5}, \frac{9}{10}, \frac{1}{10}$ _____

2. $\frac{4}{5}, \frac{2}{3}, \frac{1}{5}, \frac{1}{15}, \frac{1}{3}, \frac{3}{5}$ _____

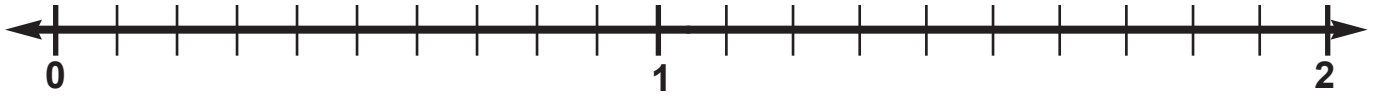


3. $\frac{1}{2}, \frac{3}{8}, \frac{3}{4}, \frac{1}{8}, \frac{1}{4}, \frac{7}{8}$ _____

4. $\frac{5}{12}, \frac{3}{8}, \frac{7}{8}, \frac{3}{4}, \frac{2}{3}, \frac{7}{12}$ _____



5. $1\frac{4}{5}, \frac{3}{10}, \frac{1}{5}, 1\frac{2}{5}, \frac{1}{2}, 1\frac{1}{2}$ _____



Name _____

Skill: Adding Fractions with Different Denominators

Add the fractions. Match your answers with the number below the blanks in the answer to the riddle. Write the letter beside your answer in the blank to get the answer to the riddle.

1. $\frac{5}{14} + \frac{1}{2} =$ **=i**

2. $\frac{1}{4} + \frac{3}{8} =$ **=s**

3. $\frac{1}{4} + \frac{1}{5} =$ **=h**

4. $\frac{1}{2} + \frac{3}{7} =$ **=e**

5. $\frac{1}{10} + \frac{1}{2} =$ **=u**

6. $\frac{1}{2} + \frac{3}{10} =$ **=d**

7. $\frac{2}{9} + \frac{2}{3} =$ **=r**

8. $\frac{5}{12} + \frac{1}{4} =$ **=a**

9. $\frac{2}{5} + \frac{5}{10} =$ **=n**

10. $\frac{1}{4} + \frac{1}{2} =$ **=o**

11. $\frac{1}{12} + \frac{3}{4} =$ **=p**

12. $\frac{2}{3} + \frac{1}{5} =$ **=m**

13. $\frac{1}{10} + \frac{3}{5} =$ **=l**

How did the skunk call his family?

____	____		____	____	____	____		____	____	____
$\frac{9}{20}$	$\frac{13}{14}$		$\frac{3}{5}$	$\frac{5}{8}$	$\frac{13}{14}$	$\frac{4}{5}$		$\frac{9}{20}$	$\frac{6}{7}$	$\frac{5}{8}$

____	____	____	____	____	-	____	____	____	____
$\frac{5}{8}$	$\frac{13}{15}$	$\frac{13}{14}$	$\frac{7}{10}$	$\frac{7}{10}$		$\frac{3}{5}$	$\frac{7}{10}$	$\frac{2}{3}$	$\frac{8}{9}$

____	____	____	____	____
$\frac{5}{6}$	$\frac{9}{20}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{13}{14}$

Name _____ Skill: Adding Fractions and Mixed Numbers

Solve the word problems.

1. Everyday Sally rides her bike to get where she wants to go. Today she rode $3\frac{3}{4}$ miles to get to school. Then she rode $1\frac{5}{8}$ miles to get to the library . After that, she rode $4\frac{1}{3}$ miles to get back home. How many miles did she ride in all?

Show your work here.

---

2. For Paul to make his famous double chocolate cake, he uses $1\frac{1}{2}$ cups of water, $2\frac{1}{4}$ cups of milk and $\frac{5}{8}$ of a cup of oil. How many cups of these liquid ingredients does he use in all?

Show your work here.

---

3. Tonya bought three pizzas for herself and her friends. Sharon ate $\frac{5}{6}$ of a pizza, Sondra ate $\frac{2}{3}$ of a pizza, and Tonya ate $\frac{3}{8}$ of a pizza. How much of the pizzas did the girls eat all together?

Show your work here.

---

4. Mark decided to help his father do some yard work. He spent $1\frac{1}{3}$ hours cutting grass, $1\frac{1}{4}$ hours raking leaves, and $\frac{5}{8}$ of an hour putting away the yard tools. How much time did he spend all together helping his father?

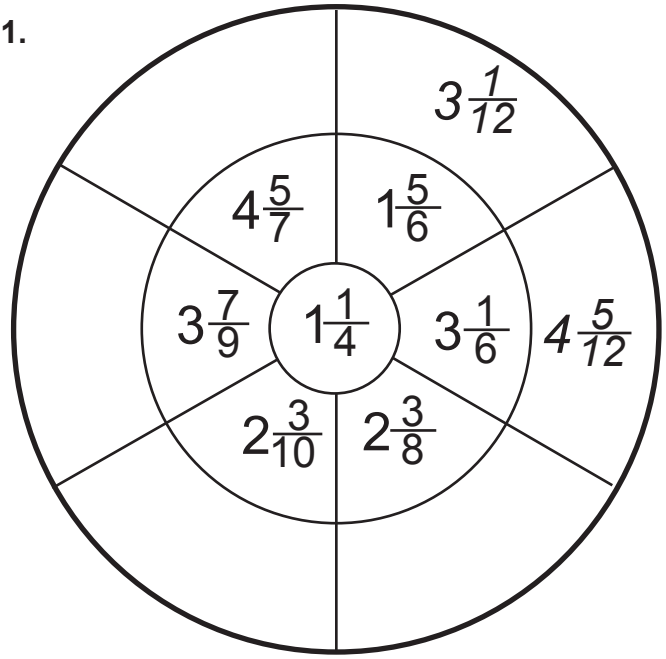
Show your work here.

Name _____

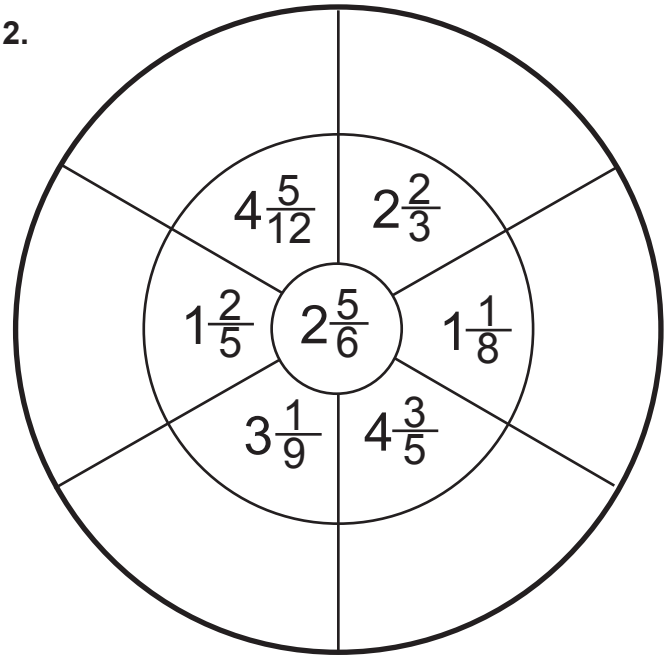
Skill: Adding Mixed Numbers

Add the mixed number in the center of the addition wheel to the mixed number in the second ring of the addition wheel. Write your answer in the outside ring of the wheel. Two of the problems in the first wheel have been done for you.

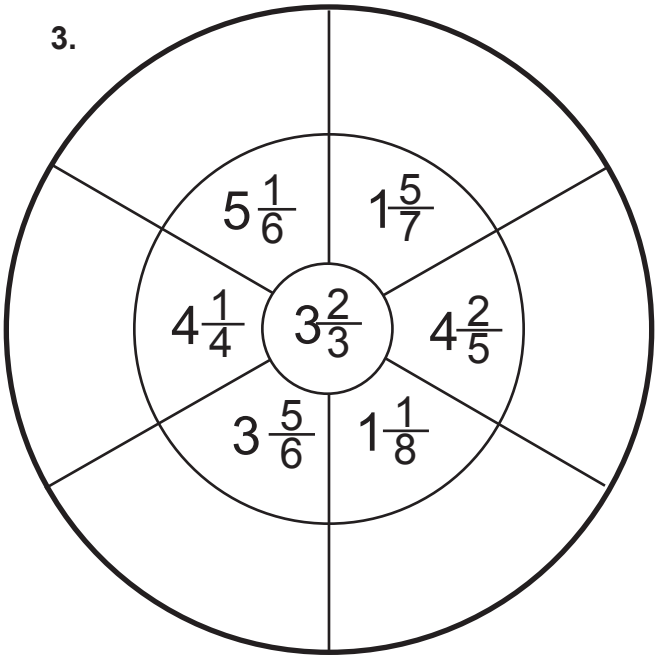
1.



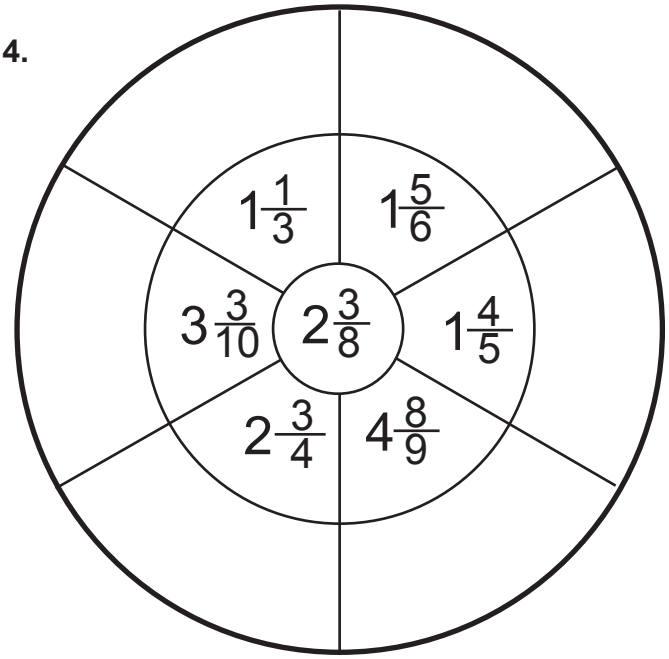
2.



3.



4.



Name _____

Skill: Subtracting Fractions

Solve the riddles by subtracting the fractions. Use the answers and the letters beside each answer to fill in the blanks and solve the riddles.

1. What does juice get when it is cold?

$\frac{7}{8} - \frac{1}{4} =$ **= c** $\frac{4}{9} - \frac{1}{4} =$ **= e** $\frac{7}{8} - \frac{5}{12} =$ **= s**

$\frac{1}{2} - \frac{1}{3} =$ **= j** $\frac{3}{4} - \frac{1}{4} =$ **= i** $\frac{5}{6} - \frac{1}{5} =$ **= p**

$\frac{1}{5} - \frac{1}{8} =$ **= u** $\frac{1}{4} - \frac{1}{6} =$ **= b** $\frac{1}{6} - \frac{1}{9} =$ **= m**

_____ _____ _____ _____ _____ _____ _____ _____ _____ _____

$\frac{1}{6}$ $\frac{3}{40}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{7}{36}$ $\frac{1}{12}$ $\frac{3}{40}$ $\frac{1}{18}$ $\frac{19}{30}$ $\frac{11}{24}$

---

2. Where does water get money from?

$\frac{11}{12} - \frac{1}{6} =$ **= a** $\frac{3}{4} - \frac{1}{5} =$ **= i** $\frac{2}{3} - \frac{1}{9} =$ **= b** $\frac{1}{3} - \frac{1}{6} =$ **= n**

$\frac{3}{8} - \frac{1}{3} =$ **= v** $\frac{3}{4} - \frac{1}{2} =$ **= e** $\frac{9}{10} - \frac{5}{7} =$ **= r** $\frac{1}{5} - \frac{1}{8} =$ **= k**

_____ _____ _____ _____ _____ _____ _____ _____ _____ _____

$\frac{3}{4}$ $\frac{13}{70}$ $\frac{11}{20}$ $\frac{1}{24}$ $\frac{1}{4}$ $\frac{13}{70}$ $\frac{5}{9}$ $\frac{3}{4}$ $\frac{1}{6}$ $\frac{3}{40}$

---

3. What is green and sings?

$\frac{2}{3} - \frac{1}{6} =$ **= a** $\frac{7}{12} - \frac{1}{4} =$ **= p** $\frac{8}{9} - \frac{1}{2} =$ **= v**

$\frac{8}{9} - \frac{5}{6} =$ **= i** $\frac{5}{12} - \frac{1}{3} =$ **= s** $\frac{4}{5} - \frac{1}{3} =$ **= l**

$\frac{2}{3} - \frac{4}{9} =$ **= y** $\frac{7}{8} - \frac{1}{2} =$ **= e** $\frac{3}{4} - \frac{1}{3} =$ **= r**

_____ _____ _____ _____ _____

$\frac{3}{8}$ $\frac{7}{15}$ $\frac{7}{18}$ $\frac{1}{18}$ $\frac{1}{12}$

_____ _____ _____ _____ _____ _____ _____

$\frac{1}{3}$ $\frac{1}{2}$ $\frac{5}{12}$ $\frac{1}{12}$ $\frac{7}{15}$ $\frac{3}{8}$ $\frac{2}{9}$

Name _____

Skill: Multiplying Fractions

In each box, there are two fractions that, when multiplied, equal another number in the box. Draw a box around the two fractions that can be multiplied to equal the third fraction. Draw a circle around the fraction that equals the product of the other two fractions.

Example:

$\frac{2}{5}$	$\frac{3}{4}$
$\frac{5}{7}$	$\frac{3}{10}$

$\frac{2}{5} \times \frac{3}{4} = \frac{3}{10}$

1.

$\frac{2}{3}$	$\frac{8}{21}$
$\frac{8}{10}$	$\frac{4}{7}$

2.

$\frac{1}{4}$	$\frac{1}{3}$
$\frac{3}{8}$	$\frac{3}{4}$

3.

$\frac{3}{9}$	$\frac{5}{18}$
$\frac{1}{6}$	$\frac{1}{2}$

4.

$\frac{7}{8}$	$\frac{3}{8}$
$\frac{1}{2}$	$\frac{3}{4}$

5.

$\frac{2}{7}$	$\frac{3}{7}$
$\frac{4}{5}$	$\frac{8}{35}$

6.

$\frac{1}{3}$	$\frac{1}{5}$
$\frac{3}{5}$	$\frac{2}{3}$

7.

$\frac{4}{5}$	$\frac{5}{6}$
$\frac{5}{9}$	$\frac{2}{3}$

8.

$\frac{3}{8}$	$\frac{1}{6}$
$\frac{5}{12}$	$\frac{4}{9}$

9.

$\frac{5}{14}$	$\frac{1}{3}$
$\frac{5}{8}$	$\frac{4}{7}$

Name _____

Skill: Changing Mixed Numbers to Improper Fractions

Find and circle all of the pairs of equivalent mixed numbers and improper fractions that are side by side. Pairs of equivalent mixed numbers and improper fractions may go either horizontally or vertically. The first two have been circled for you.

$\frac{13}{5}$	$2\frac{3}{5}$	$3\frac{3}{10}$	$\frac{15}{10}$	$2\frac{2}{7}$	$\frac{16}{7}$	$1\frac{3}{7}$	$\frac{9}{7}$
$1\frac{5}{13}$	$\frac{14}{13}$	$\frac{30}{10}$	$1\frac{1}{2}$	$3\frac{2}{3}$	$1\frac{3}{5}$	$\frac{8}{5}$	$1\frac{2}{7}$
$\frac{15}{12}$	$1\frac{1}{13}$	$\frac{36}{11}$	$3\frac{3}{11}$	$\frac{11}{3}$	$3\frac{1}{3}$	$3\frac{5}{7}$	$\frac{26}{7}$
$1\frac{1}{4}$	$\frac{9}{2}$	$4\frac{1}{4}$	$\frac{19}{8}$	$2\frac{3}{8}$	$\frac{12}{5}$	$5\frac{2}{5}$	$\frac{25}{5}$
$\frac{7}{2}$	$3\frac{1}{2}$	$5\frac{5}{8}$	$\frac{45}{8}$	$\frac{19}{8}$	$2\frac{2}{5}$	$\frac{28}{5}$	$4\frac{5}{7}$
$2\frac{3}{20}$	$\frac{49}{20}$	$2\frac{5}{20}$	$6\frac{3}{5}$	$\frac{33}{5}$	$\frac{42}{16}$	$5\frac{3}{5}$	$\frac{30}{7}$
$\frac{43}{20}$	$2\frac{4}{7}$	$\frac{18}{7}$	$3\frac{2}{7}$	$8\frac{1}{6}$	$\frac{49}{6}$	$\frac{25}{6}$	$4\frac{2}{7}$
$3\frac{7}{12}$	$\frac{43}{12}$	$3\frac{5}{7}$	$\frac{27}{7}$	$3\frac{6}{7}$	$\frac{18}{11}$	$3\frac{7}{10}$	$\frac{37}{10}$

Name _____

Skill: Dividing Fractions

Divide the fractions in each box. The answer to the trivia question is beside the correct answer to the division problem.

1. What does the word “dinosaur” mean?

$\frac{2}{3} \div \frac{3}{4} =$

$\frac{8}{9}$ = terrible lizard

$\frac{2}{9}$ = long neck

$\frac{1}{3}$ = large feet

$\frac{5}{12}$ = thick skin

2. What is one piece of confetti called?

$\frac{2}{9} \div \frac{1}{3} =$

$\frac{3}{4}$ = unifetti

$\frac{5}{6}$ = monofett

$\frac{2}{3}$ = confetto

$\frac{7}{8}$ = confettae

3. From what language does the word “bologna” originate?

$\frac{5}{8} \div \frac{1}{6} =$

$3\frac{3}{4}$ = Italian

$4\frac{1}{4}$ = German

$\frac{1}{3}$ = Spanish

$2\frac{1}{3}$ = French

4. Which of the following superheros has no superhuman powers?

$\frac{4}{5} \div \frac{3}{10} =$

$1\frac{1}{8}$ = superman

$2\frac{1}{3}$ = spiderman

$3\frac{2}{3}$ = aquaman

$2\frac{2}{3}$ = batman

5. About what percentage of the earth’s surface is covered with water?

$\frac{2}{5} \div \frac{1}{3} =$

$1\frac{7}{8}$ = 50

$1\frac{1}{5}$ = 70

$2\frac{3}{5}$ = 30

$2\frac{2}{3}$ = 25

6. Up to how many miles per hour can a crocodile move in water?

$\frac{1}{6} \div \frac{2}{3} =$

$\frac{1}{8}$ = 25 mph

$\frac{1}{5}$ = 10 mph

$\frac{7}{9}$ = 5 mph

$\frac{1}{4}$ = 20 mph

7. About how many glasses of milk does the average cow produce in its lifetime?

$\frac{3}{8} \div \frac{4}{5} =$

$\frac{3}{10}$ = 10,000

$\frac{13}{17}$ = 2,500

$\frac{15}{32}$ = 200,000

$\frac{5}{6}$ = 30,000

8. Which of the following makes up about 16% of your body weight?

$\frac{3}{5} \div \frac{9}{10} =$

$\frac{1}{5}$ = bones

$\frac{1}{3}$ = muscles

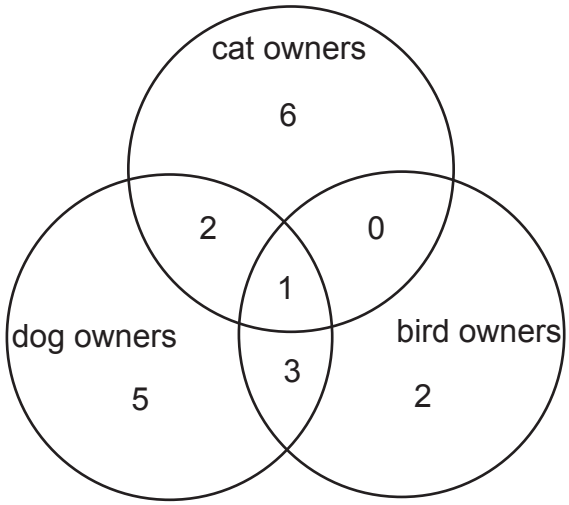
$\frac{2}{3}$ = skin

$\frac{7}{8}$ = water

Name _____

Skill: Graphs-Venn Diagrams

The following diagram is called a Venn diagram. It gives information about a group of pet owners. The area where the circles overlap show the number of people who own more than one type of pet.



Answer the following questions using the information given on the Venn diagram above.

1. How many pet owners are represented all together by the diagram? _____

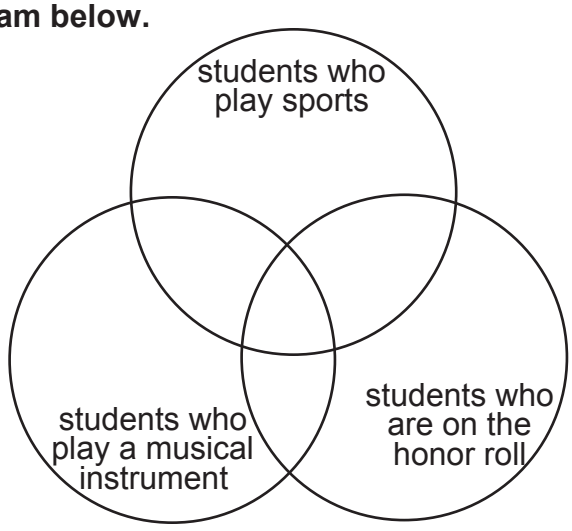
2. How many people own a cat, a dog and a bird? _____

3. How many people own both a dog and a cat? _____

4. How many people own both a bird and a cat? _____

5. How many people own only a dog or a bird? _____

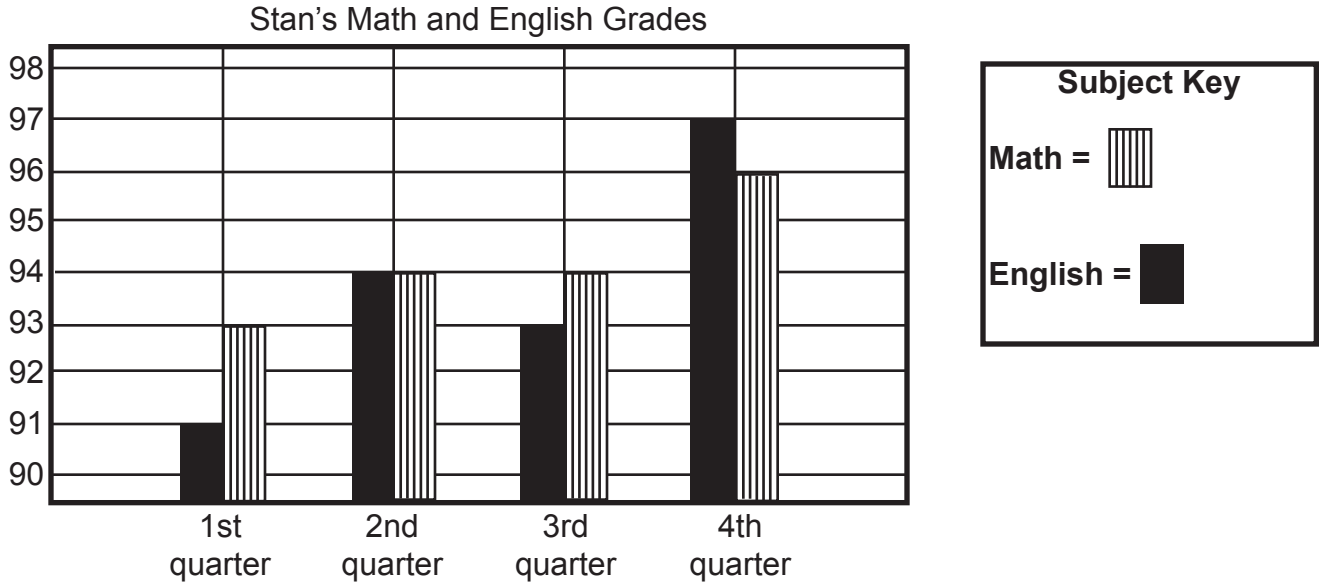
Take a survey of the students in your class. Find out how many students play sports, how many students play a musical instrument, and how many students are on the honor roll. Record your results in the Venn diagram below.



Name _____

Skill: Graphs-Bar Charts

A bar chart is a way of showing information. Use the bar chart below to answer the questions.



1. What were Stan's grades in math in the first and second quarters? _____

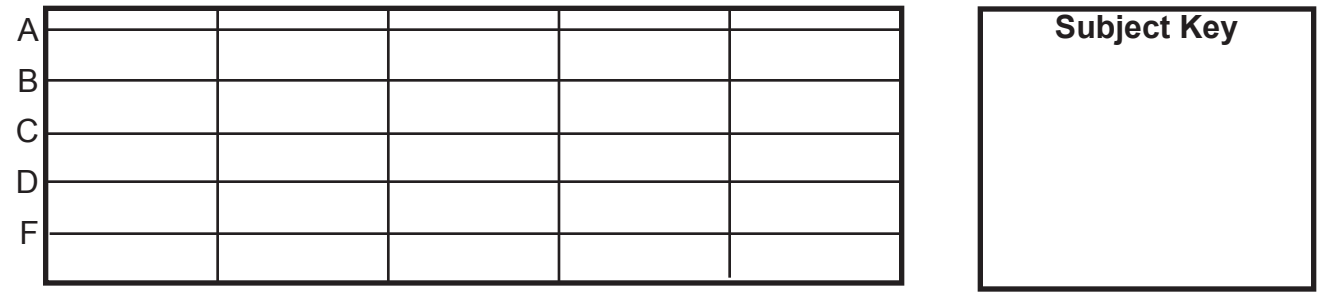
2. What was the lowest grade that Stan received? In which quarter did he receive it?

_____

3. In which quarter were Stan's English and math grades the same? _____

4. In which quarter did Stan make the best grades? _____

Make your own bar chart below. Choose two subjects you are studying and chart your grades. Fill in the time period for which you are charting your grades. Be sure to label the time period and subject key.

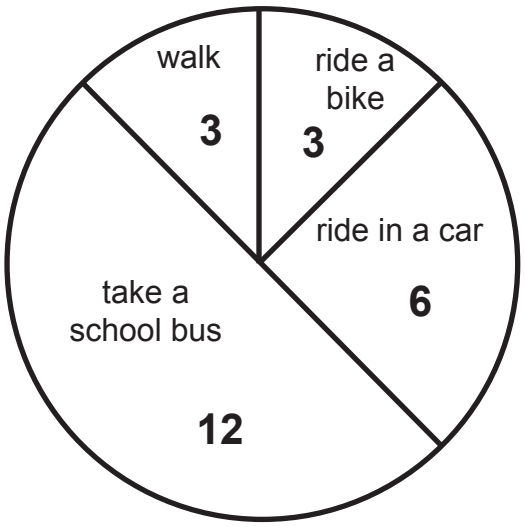


Name _____

Skill: Graphs-Pie Charts

A pie chart is used as one way of showing information. Use the pie chart below to answer the questions.

Method of transportation to and from school by the students in Mrs. Short's class



1. How many students are there all together in Mrs. Short' s class? _____

2. What is the most used method of transportation to and from school by Mrs. Short' s students?

_____

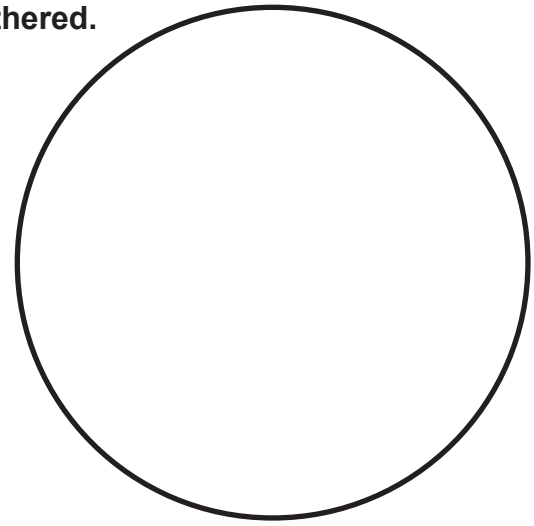
3. What are the least used methods of transportation by Mrs. Short' s students?

_____

4. How many students walk and ride a bike to and from school all together? _____

5. How many students ride on a bus or in a car to and from school all together? _____

Use the empty circle below to make your own pie chart. Think of a question that you can ask your class mates such as what are their favorite sports, foods, or movies. Fill in the pie chart with the results of your survey. Be sure to divide the chart into the correct proportions according to the information you have gathered.



Name _____

Probability shows the most likely chances of something happening.

For Example: If you flip a coin, with one side being heads and the other being tails, 50 times, the probability or most likely outcome is that the coin will land on heads 25 times and tails 25 times.

Perform the following probability experiments and record the results you expect to get and the actual outcome.

1. Flip a coin 20 times and record how many times the coin lands on heads and how many times it lands on tails.

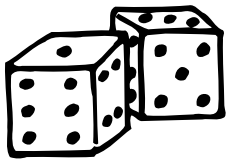
	Heads	Tails
Expected Results		
Actual Results		

2. Obtain one red, one green and one blue marble. Put all three marbles inside a container such as a can or bag. Make sure you cannot see through the container . Pull one marble out at a time then put it back. Do this 30 times. Record which color you have pulled out each time.

	red	blue	green
Expected Results			
Actual Results			

3. Obtain a six-sided die numbered from one to six. Roll the die 30 times and record what number the die lands on each time.

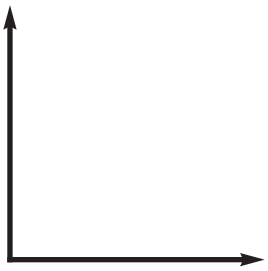
	1	2	3	4	5	6
Expected Results						
Actual Results						



Name _____ Skill: Measuring and Drawing Angles

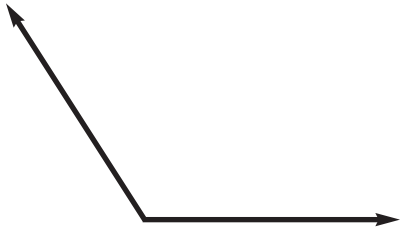
Use a protractor to find the measurement of each of the following angles.

1.



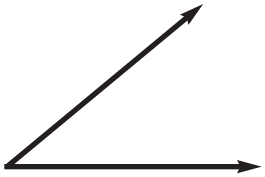
measurement =_____

2.



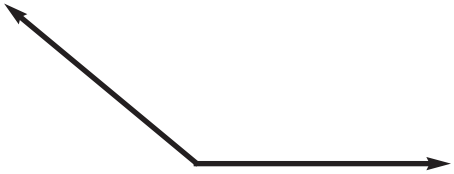
measurement =_____

3.



measurement =_____

4.



measurement =_____

Use a protractor to draw an angle equal to the measurement given.

1. 33 degrees

2. 49 degrees

3. 25 degrees

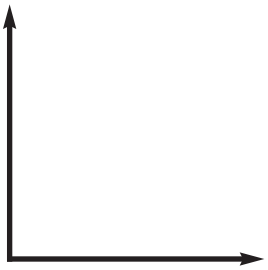
4. 72 degrees

Name _____

Skill: Naming Angles

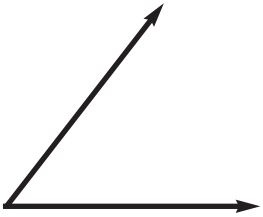
Identify the following angles as one of the following: right, acute, obtuse or straight.

1.



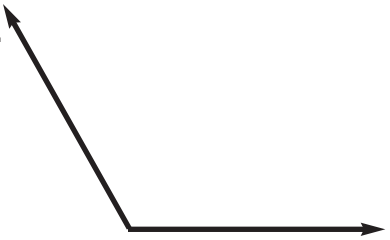
type of angle_____

2.



type of angle_____

3.

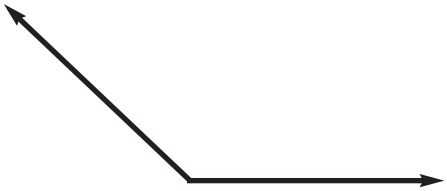


type of angle_____

4.

type of angle_____

5.

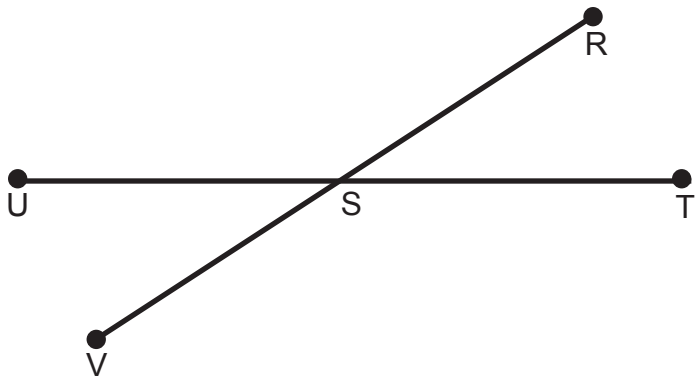


type of angle_____

6.

type of angle_____

In the figure, $\overline{UT}$ and $\overline{RV}$ intersect at point S. Use a protractor to find the measurement of each angle.



∠ RST = _____

∠ USV = _____

∠ TSV = _____

∠ USR = _____

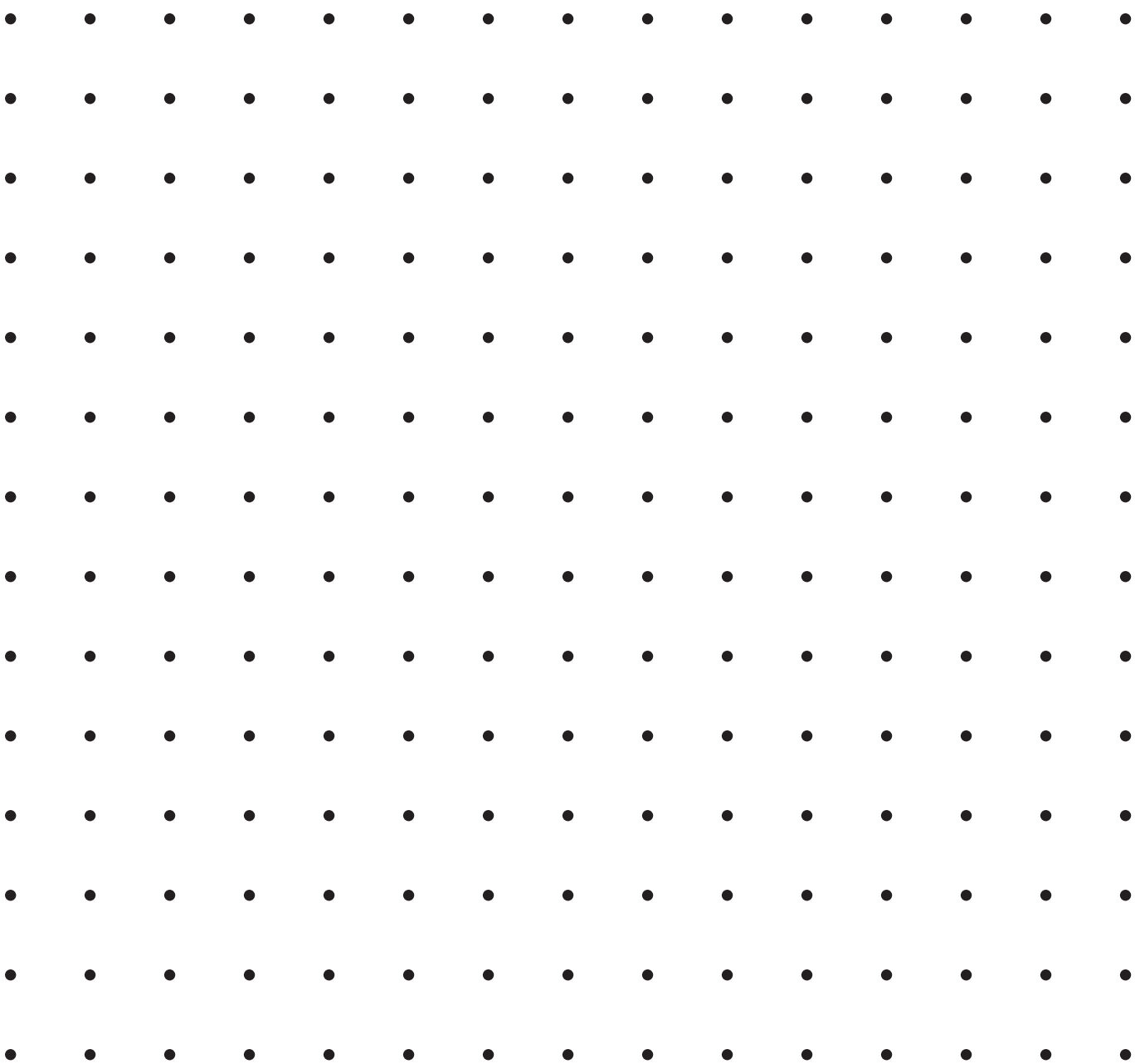
Name _____

Skill: Polygons

Look at the chart of number of sides of different polygons.

triangle	3 sides	hexagon	6 sides	nonagon	9 sides
rectangle	4 sides	heptagon	7 sides	decagon	10 sides
pentagon	5 sides	octagon	8 sides		

Use the grid of dots below to draw and color one of each of the polygons listed in the chart. Color each shape a different color. Shapes may overlap if necessary.

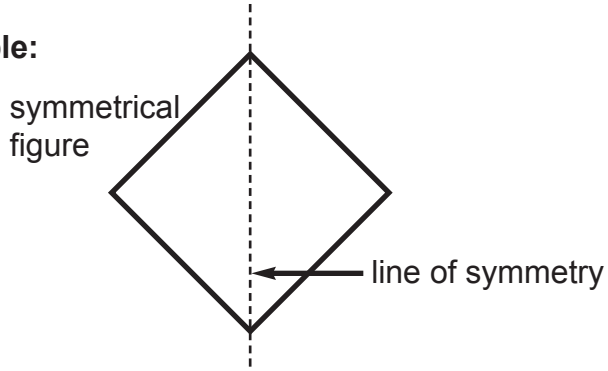


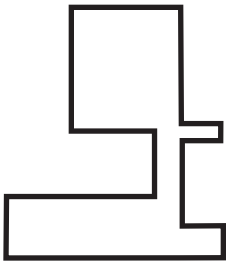
Name _____

Skill: Symmetry

If a certain object or figure can be divided in half in such a way that the two halves are exactly the same, then the figure or object is symmetrical. The dividing line is called the line of symmetry.

Example:

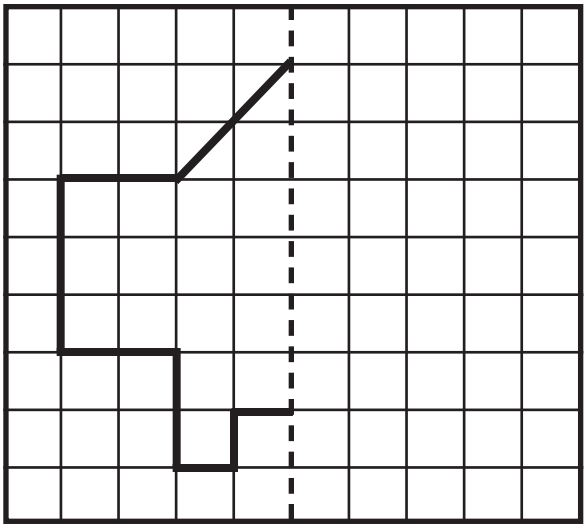




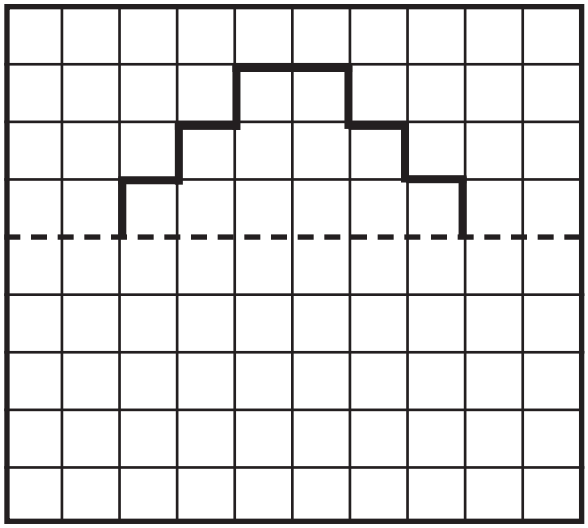
There is no point in this figure where it can be divided in order to have two parts that are the same. This figure is not symmetrical.

In each of the grids below, draw the rest of the figure so that the figure is symmetrical. Use the dashed line as the line of symmetry.

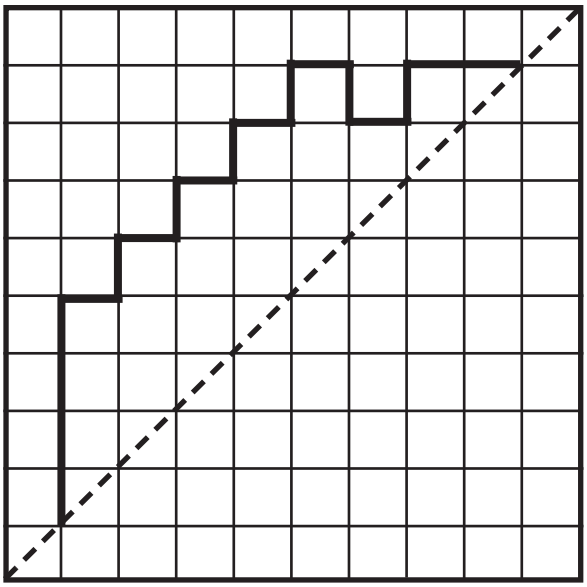
1.



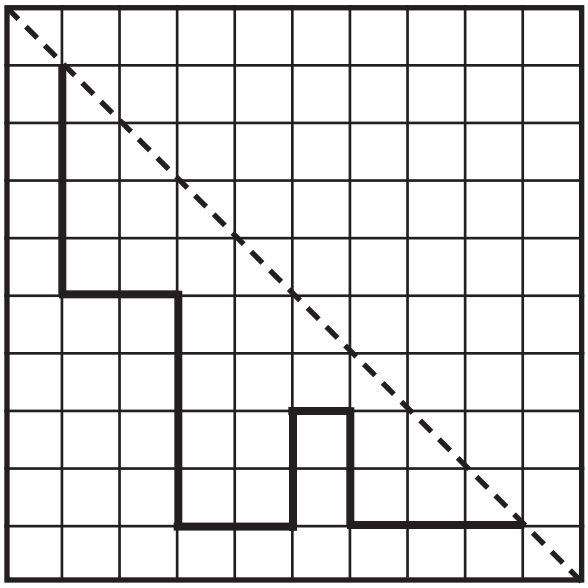
2.



3.



4.



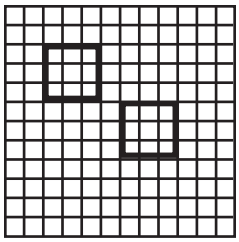
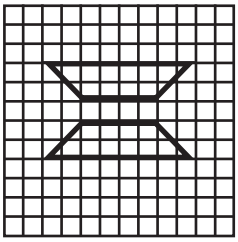
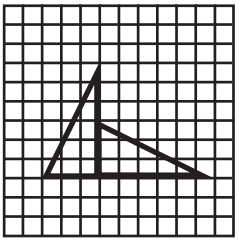
Name _____

Skill: Geometric Movements in a Plane

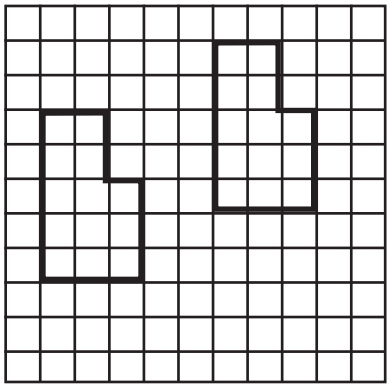
A geometric figure can be moved in a plane. There are three basic types of movements,

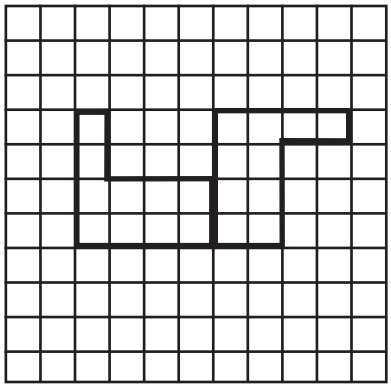
Slide - when every point of the figure moves the same direction and the same distance
Flip - when a figure is flipped over creating a reversed image
Turn - when a figure is turned at a certain point

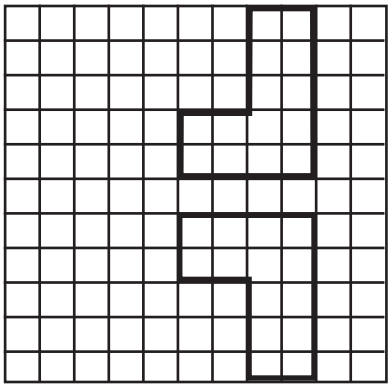
Example: **slide** **flip** **turn**

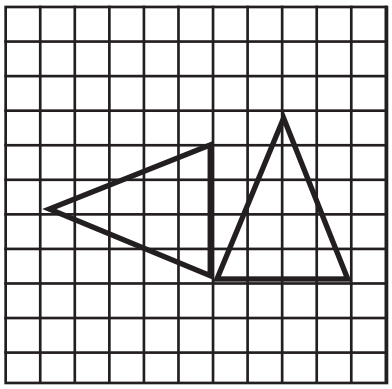




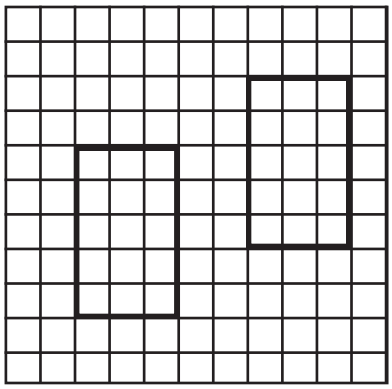
In each of the blanks, write whether the geometric movement is the result of a slide, a flip or a turn.

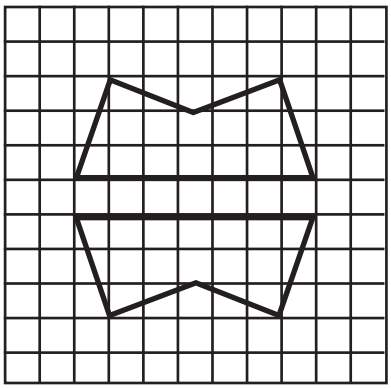
1.

_____

2.

_____

3.

_____

4.

_____

5.

_____

6.

_____

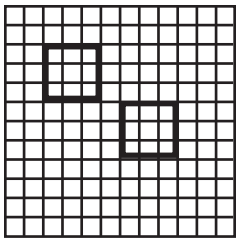
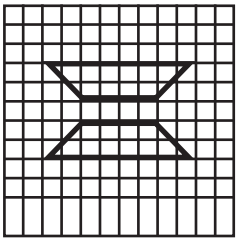
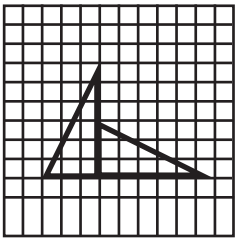
Name _____

Skill: Geometric Movements in a Plane

A geometric figure can be moved in a plane. There are three basic types of movements.

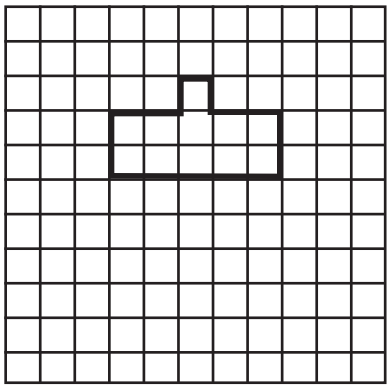
Slide - when every point of the figure moves the same direction and the same distance
Flip - when a figure is flipped over creating a reversed image
Turn - when a figure is turned at a certain point

Example: **slide** **flip** **turn**

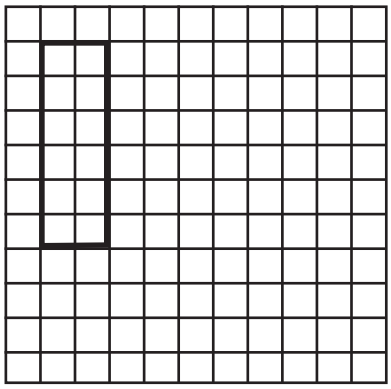




Move each of the following figures by the method indicated.

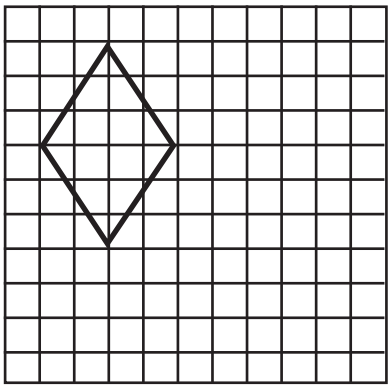
1. flip



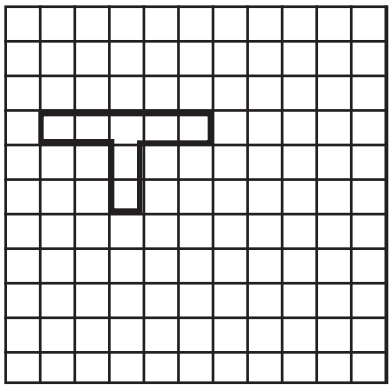
2. turn



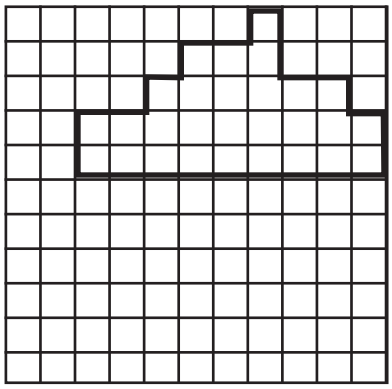
3. slide



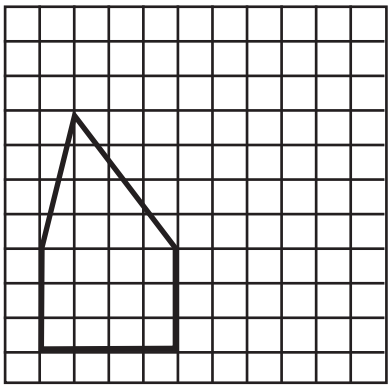
4. turn



5. flip



6. slide



Name _____

Skill: Measurements-Lengths

Consider the following:

1 inch	2 inches	3 inches	4 inches	5 inches	6 inches	7 inches

12 inches equals 1 foot
3 feet equals 1 yard
1,760 yards equals 1 mile

Circle the measurement that would be an approximate measurement of each of the following:

1. length of a pencil

7 feet 7 inches 7 yards

2. height of a tree

20 miles 20 feet 20 inches

3. diameter of a drinking glass

3 inches 3 yards 3 miles

4. distance from New Orleans, Louisiana to Houston, Texas

500 inches 500 feet 500 miles

5. distance from the floor to the ceiling

8 miles 8 inches 8 feet

6. length of your arm

1 yard 1 inch 1 foot

7. width of the cover of a magazine

9 inches 9 feet 9 miles

8. distance that you could walk in 45 minutes

3 feet 3 miles 3 yards

9. length of a broom

4 feet 4 yards 4 inches

10. length of a swimming pool

20 yards 20 inches 20 miles

Name _____ Skill: Measurements-Distance

Consider the following:

1 inch	2 inches	3 inches	4 inches	5 inches	6 inches	7 inches

12 inches equals 1 foot
3 feet equals 1 yard
1,760 yards equals 1 mile

Using a ruler, tape measure or yard stick, give the measurements of the following objects in your classroom. Give the measurements in inches, feet and yards where possible.

1. the length of a door

_____ inches

_____ feet

_____ yards

2. the width of your desk

_____ inches

_____ feet

_____ yards

3. the height of your desk

_____ inches

_____ feet

_____ yards

4. length of your pencil

_____ inches

_____ feet

_____ yards

5. the width of a window

_____ inches

_____ feet

_____ yards

6. the width of a chalkboard

_____ inches

_____ feet

_____ yards

7. the width of a bookshelf

_____ inches

_____ feet

_____ yards

8. the height of a doorway

_____ inches

_____ feet

_____ yards

Bonus: The next time you are riding in a car , see how many miles you travel in five minutes. Record the distance you travelled in miles, yards, feet and inches.

Name _____

Skill: Measurements-Weights

Consider the following:

16 ounces = 1 pound
2,000 pounds = 1 ton

Circle the measurement that would be an approximate measurement of each of the following:

1. a small car

1 pound 1 ounce 1 ton

2. a bag of potatoes

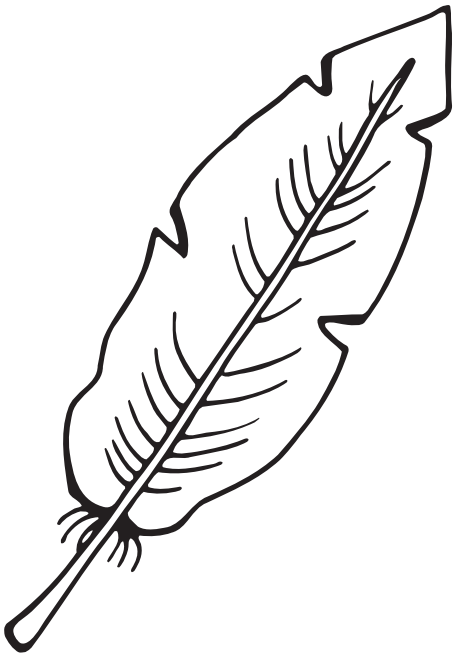
3 ounces 3 pounds 3 tons

3. one slice of cheese

2 ounces 2 pounds 2 tons

4. a feather

1 ton 1 ounce 1 pound



5. a full grown man

200 pounds 200 tons 200 ounces

6. an elephant

1 ounce 1 pound 1 ton

7. a chair

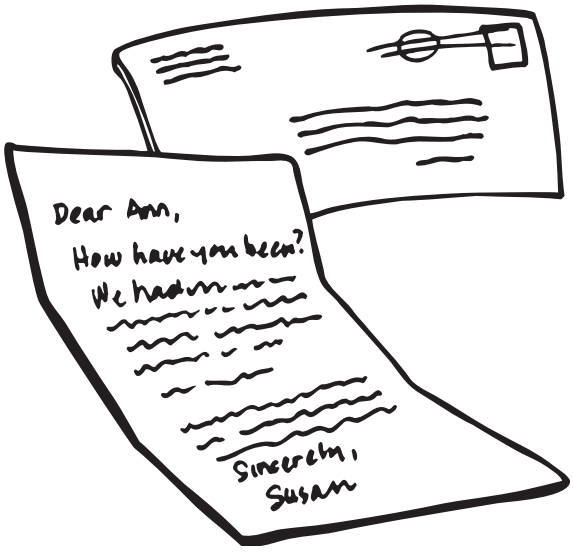
12 pounds 12 ounces 12 tons

8. a cat

5 ounces 5 pounds 5 tons

9. a standard letter

1 ton 1 pound 1 ounce



10. a book

2 pounds 2 ounces 2 tons

Name _____ Skill: Beginning Algebra-Solving Equations

Find the value of each variable to find the answer to the riddle. Match the answer with the number below each blank in the answer. Write the letter in the blank.

1. If t = 16, then 64 ÷ t = **h**	**2.** If d = 4, then 12 x d = **u**
3. If f = 14, then 35 - f = **e**	**4.** If x = 7, then 42 ÷ x = **r**
5. If b = 12, then 65 - b = **a**	**6.** If a = 18, then 45 + a = **o**
7. If y = 22, then 3 x y = **r**	**8.** If n = 9, then 27 ÷ n = **t**
9. If c = 5, then 10 x c = **y**	**10.** If p = 16, then 14 + p = **b**

What gets harder to catch the faster you run?

____	____	____	____		____	____	____	____	____	____	
50	**63**	**48**	**6**		**30**	**66**	**21**	**53**	**3**	**4**	

Name _____ Skill: Beginning Algebra - Algebraic Expressions

Find the value of each algebraic expression. Match your answers with the numbers below the blanks. Write the letters beside your answers in the blanks to find the answer to the riddle.

1. If y = 4, then 10 + y = _____ **= r**

2. If x = 6, then 22 + x = _____ **= t**

3. If v = 12, then 22 + v = _____ **= s**

4. If w = 14, then 35 + w = _____ **= y**

5. If b = 5, then 25 ÷ b = _____ **= i**

6. If a = 7, then 49 ÷ 7 = _____ **= o**

7. If c = 12, then 5 x c = _____ **= l**

8. If d = 11, then 7 x d = _____ **= h**

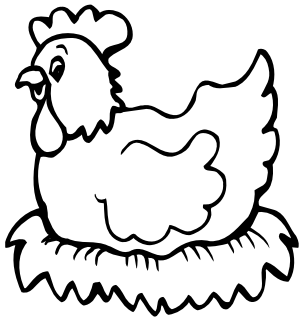
9. If f = $\frac{1}{5}$, then $\frac{2}{5}$ + f = _____ **= d**

10. If r = $\frac{2}{3}$, then $\frac{1}{6}$ + r = _____ **= a**

11. If n = $\frac{1}{2}$, then $\frac{1}{4}$ + n = _____ **= e**

12. If m = 60, then 72 - m = _____ **= n**

13. If k = 85, then 98 - k = _____ **= g**



If a rooster laid an egg on the top of a roof, which way would it roll?

12	$\frac{3}{4}$	5	28	77	$\frac{3}{4}$	14

14	7	7	34	28	$\frac{3}{4}$	14	34

$\frac{3}{5}$	7	12	28		60	$\frac{5}{6}$	49

$\frac{3}{4}$	13	13	34

Name _____

Skill: Beginning Algebra-Function Tables

Write the rule for each of the function tables.

1.

x	
5	10
10	15
15	20
20	25

rule: _____

2.

y	
4	11
5	12
8	15
10	17

rule: _____

3.

z	
28	20
25	17
18	10
8	0

rule: _____

4.

a	
2	4
6	12
8	16
10	20

rule: _____

5.

b	
4	20
6	30
8	40
9	45

rule: _____

6.

c	
36	6
24	4
12	2
6	1

rule: _____

Complete each function table.

7.

n	+ 15
15	
18	
22	
35	

8.

p	x 6
4	
6	
7	
8	

9.

n	÷ 8
24	
40	
64	
72	

Name _____ Skill: Beginning Algebra-Variables

Solve the equations to find the answers to the trivia questions. The answer to the trivia question is beside the value of the variable.

1. If you have pogonophobia, what do you have a fear of?

If x + 9 = 15, then x = _____

5 = cows 6 = beards 10 = toys 8 = spiders

2. What percentage of all forms of life that have existed on Earth are now extinct?

If a ÷ 6 = 36, then a = _____

4 = 50% 8 = 65% 5 = 70% 6 = 99%

3. How many eyes does a bee have?

If e x 8 = 48, then e = _____

5 = 8 8 = 3 7 = 4 6 = 5

4. If you have dysmorphobia, you fear being thought of as what?

If c + 8 = 15, then c = _____

3 = bald 6 = lonely 5 = smelly 7 = ugly

5. Which of the following was once sold as medicine?

If g x 9 = 72, then g = _____

9 = mayonnaise 8 = ketchup 7 = mustard 4 = vinegar

6. The average human uses which muscles most?

If m x 9 = 45, then m = _____

5 = eye muscles 6 = arm muscles 9 = leg muscles 8 = throat muscles

7. How many thousand gallons of fuel does a Boeing 707 use for its take-of f climb?

If n x 12 = 60, then n = _____

10 = 3,000 5 = 4,000 11 = 5,000 6 = 6,000

8. By law, how many times per year is every citizen of Kentucky required to take a bath?

If d - 31 = 8, then d = _____

31 = 20 times 12 = 10 times 24 = 12 times 39 = 1 time

9. What percentage of the human brain is water?

If p x 8 = 32, then p = _____

40 = 20% 3 = 40% 8 = 60% 4 = 80%

10. What does someone who suffers from anthophobia fear?

If b - 11 = 15, then b = _____

60 = goats 4 = spiders 26 = flowers 23 = ants

Name _____

Skill: Finding Coordinates

Use the grid below to plot the pairs of coordinates. Connect the points of each group of coordinates in the order listed to make a shape. Use a different color to connect the points of each shape. Some shapes may overlap.

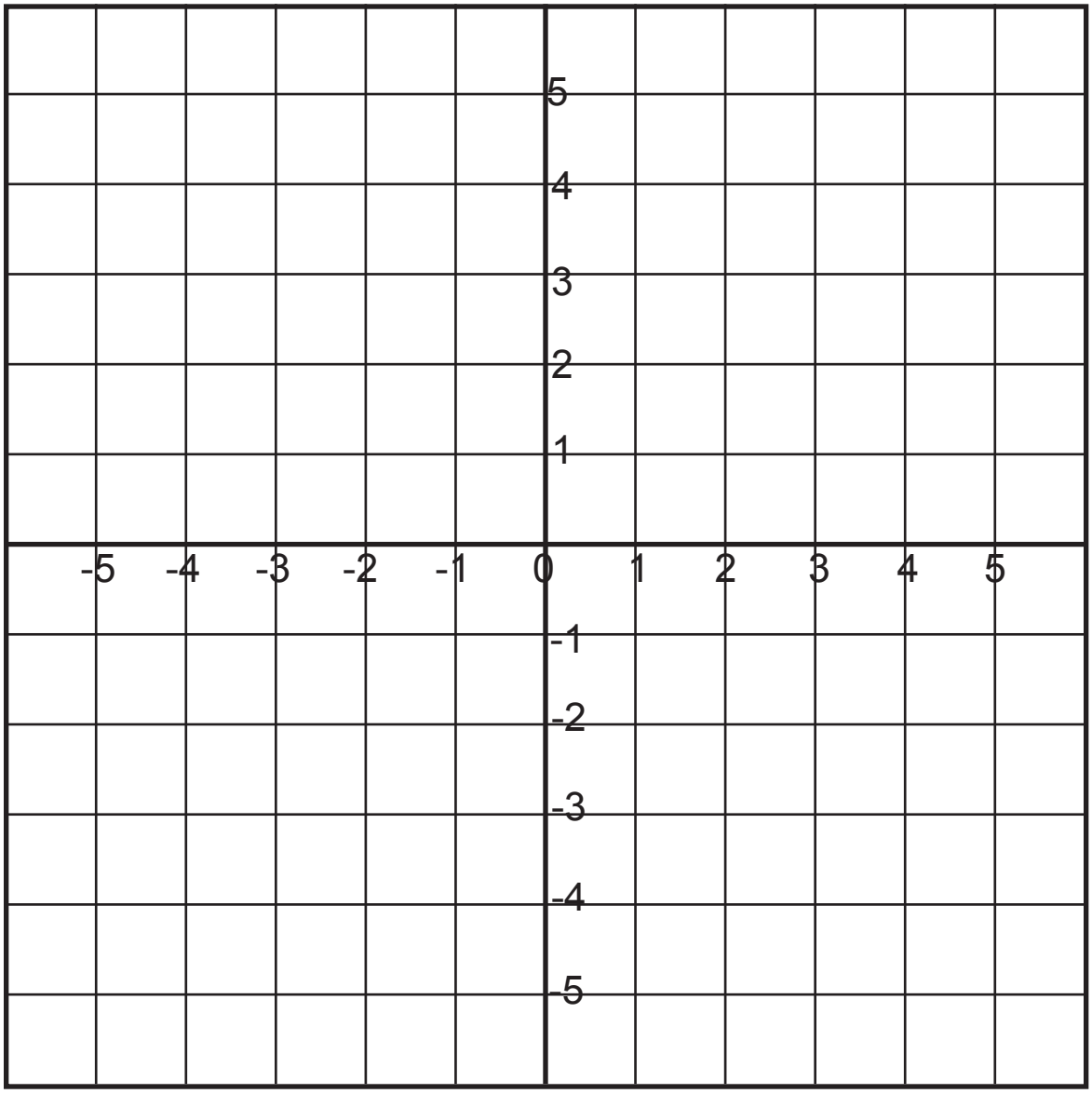
1. (-4, 2), (-4, -1), (-1, -1), (-1, 2)

2. (4, 3), (6, 3), (5, 5)

3. (4, 2), (6, 0), (6, -2), (4, -4), (2, -2), (2, 0)

4. (2, 5), (4, 3), (4, 1), (2, -1), (-1, -1), (-3, 1), (-3, 3), (-1, 5)

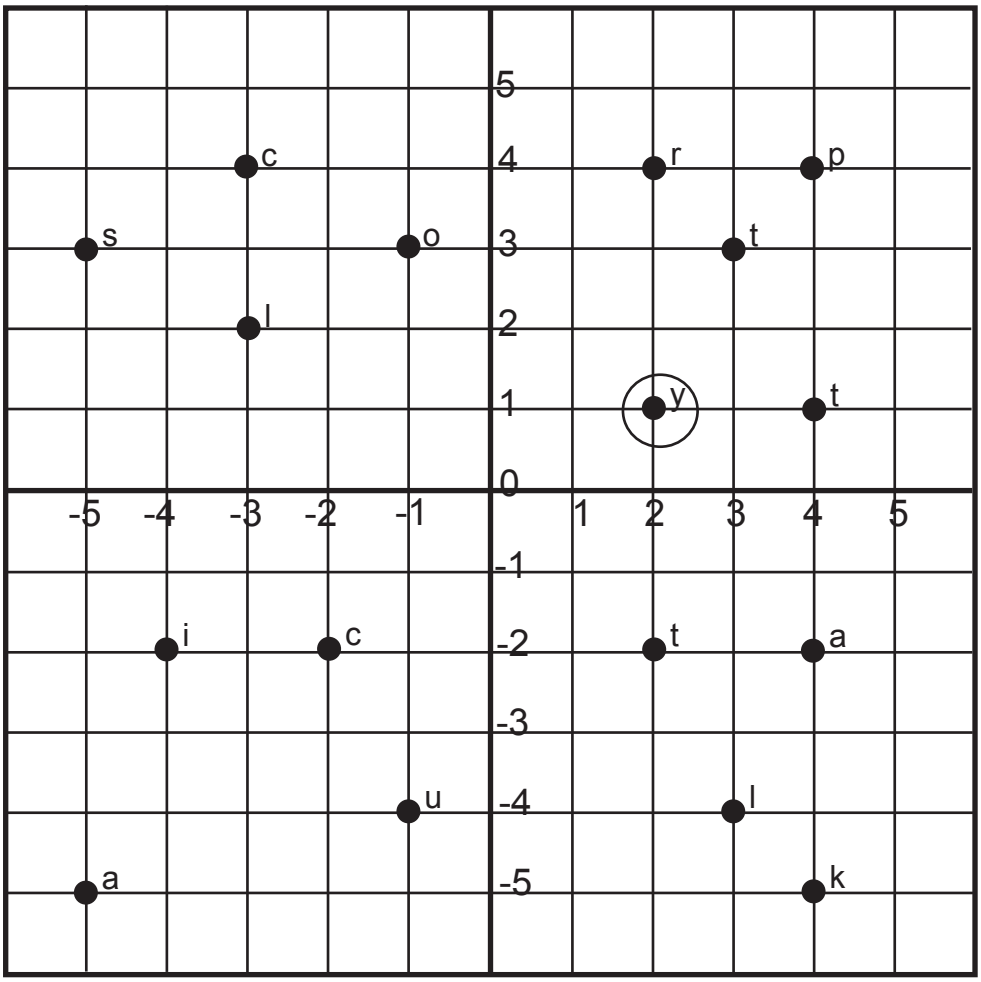
5. (-2, -2), (2, -2), (4, -4), (0, -6) (-4, -4)



Name _____

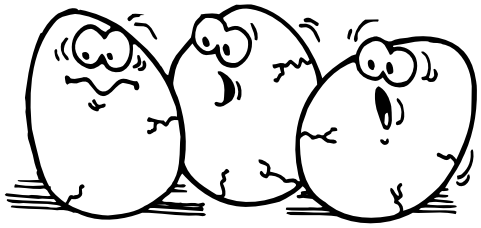
Skill: Graphing Coordinates

Graph each pair of coordinates. As you graph each pair, you will find a letter beside the point where each pair of coordinates is located. W rite the letter of that point in the blank of the answer to the riddle that corresponds to the number of the coordinates you have just plotted. The first one has been done for you.



Coordinates

1. (2, 1) = y
2. (-4, -2) =
3. (3, -4) =
4. (3, 3) =
5. (-5, 3) =
6. (4, -2) =
7. (-5, -5) =
8. (2, -2) =
9. (-1, 3) =
10. (-3, 2) =
11. (-2, -2) =
12. (4, 1) =
13. (-1, -4) =
14. (2, 4) =
15. (-3, 4) =
16. (4, -5) =
17 (4, 4) =



What happens when you tell an egg a joke?

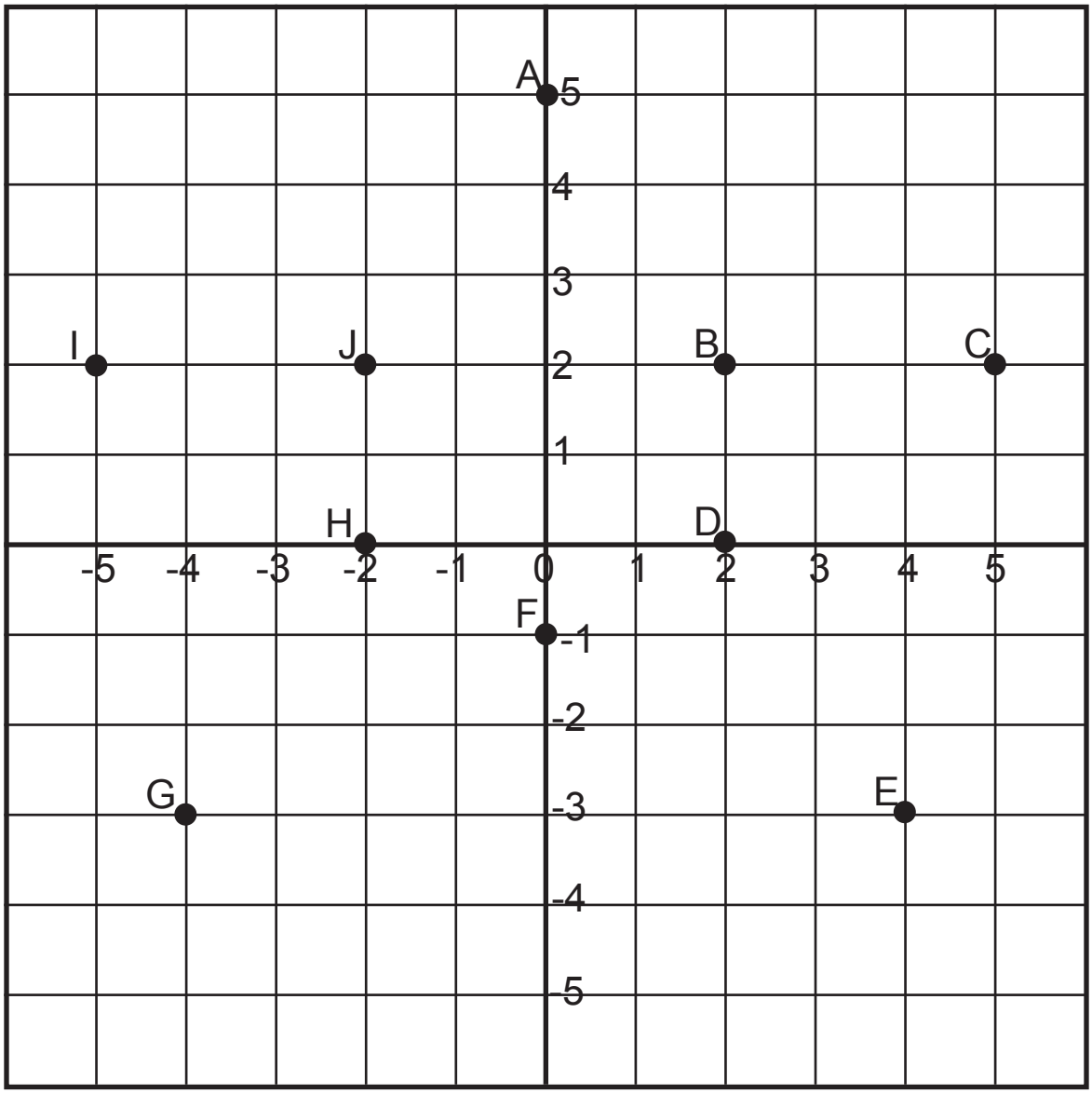
										y
2	**4**		**12**	**9**	**8**	**6**	**3**	**10**	**1**	

15	**14**	**7**	**11**	**16**	**5**		**13**	**17**

Name _____

Skill: Graphing Coordinates

Write the coordinates of the points on the graph below .



A. _____ **F.** _____

B. _____ **G.** _____

C. _____ **H.** _____

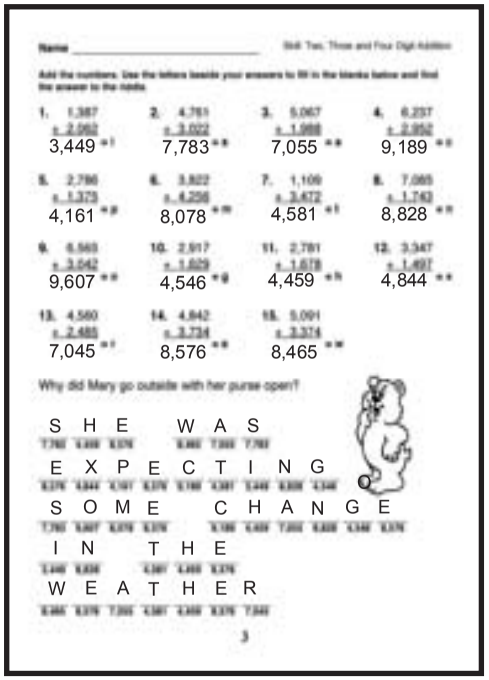
D. _____ **I.** _____

E. _____ **J.** _____

Connect the points on the graph in order from A to J.

What shape have you just drawn? _____

Answer Key



Name _____ Skill: Two, Three and Four Digit Addition

Add the numbers. Use the letters beside your answers to fill in the blanks below and find the answer to the riddle.

1. 1,387 + 2,062 = 3,449 *I
2. 4,761 + 3,022 = 7,783 *S
3. 5,067 + 1,988 = 7,055 *S
4. 6,237 + 2,952 = 9,189 *S
5. 2,786 + 1,375 = 4,161 *P
6. 3,822 + 4,256 = 8,078 *W
7. 1,109 + 3,472 = 4,581 *T
8. 7,065 + 1,763 = 8,828 *S
9. 6,565 + 3,042 = 9,607 *S
10. 2,917 + 1,629 = 4,546 *P
11. 2,781 + 1,678 = 4,459 *N
12. 3,347 + 1,497 = 4,844 *S
13. 4,560 + 2,485 = 7,045 *T
14. 4,842 + 3,734 = 8,576 *S
15. 5,091 + 3,374 = 8,465 *W

Why did Mary go outside with her purse open?

S H E W A S
7,783 4,459 8,576 8,465 7,783

E X P E C T I N G
8,576 4,844 4,161 8,576 8,188 4,581 4,459 8,828 4,844

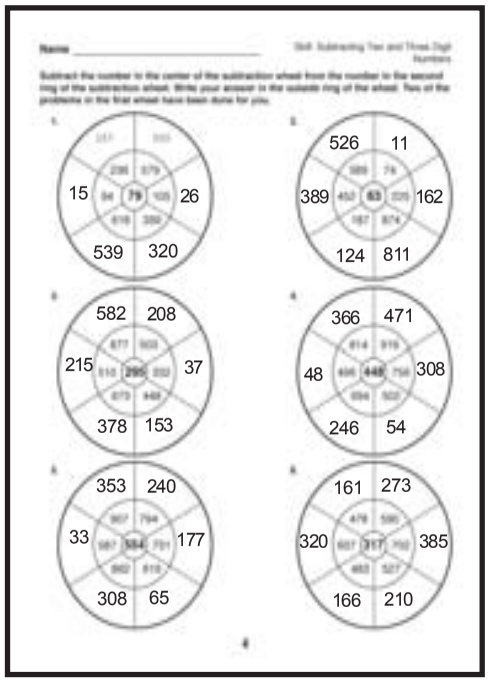
S O M E C H A N G E
7,783 9,607 8,576 8,576 8,188 4,459 7,055 8,828 4,844 8,576

I N T H E
4,459 8,828 4,581 4,459 8,576

W E A T H E R
8,465 8,576 7,055 4,581 4,459 8,576 7,844

3

Page 3



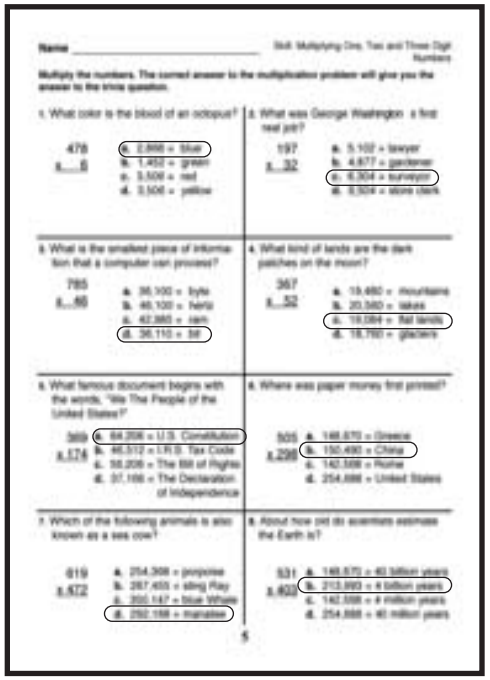
Name _____ Skill: Subtracting Two and Three Digit Numbers

Subtract the number in the center of the subtraction wheel from the number in the second ring of the subtraction wheel. Write your answer in the outside ring of the wheel. Two of the problems in the first wheel have been done for you.

1. 15, 26, 539, 320
2. 526, 11, 389, 162, 124, 811
3. 582, 208, 215, 37, 378, 153
4. 366, 471, 48, 308, 246, 54
5. 353, 240, 33, 177, 308, 65
6. 161, 273, 320, 385, 166, 210

4

Page 4



Name _____ Skill: Multiplying One, Two and Three Digit Numbers

Multiply the numbers. The correct answer to the multiplication problem will give you the answer to the trivia question.

1. What color is the blood of an octopus?
478 x 6
a. 2,868 = blue
b. 1,452 = green
c. 3,506 = red
d. 3,506 = yellow

2. What was George Washington's first real job?
197 x 32
a. 5,102 = lawyer
b. 4,877 = gardener
c. 6,304 = surveyor
d. 6,304 = store clerk

3. What is the smallest piece of information that a computer can process?
785 x 48
a. 36,100 = byte
b. 46,100 = hertz
c. 42,880 = ram
d. 36,110 = bit

4. What kind of lands are the dark patches on the moon?
367 x 32
a. 19,480 = mountains
b. 20,580 = lakes
c. 19,084 = flat lands
d. 18,760 = glaciers

5. What famous document begins with the words, "We The People of the United States?"
369 x 174
a. 64,206 = U.S. Constitution
b. 46,512 = I.R.S. Tax Code
c. 58,208 = The Bill of Rights
d. 37,166 = The Declaration of Independence

6. Where was paper money first printed?
505 x 299
a. 149,870 = Greece
b. 150,490 = China
c. 142,599 = Rome
d. 254,686 = United States

7. Which of the following animals is also known as a sea cow?
619 x 472
a. 254,368 = porpoise
b. 287,455 = sting Ray
c. 350,147 = blue Whale
d. 292,168 = manatee

8. About how old do scientists estimate the Earth is?
531 x 403
a. 149,870 = 40 billion years
b. 213,993 = 4 billion years
c. 142,599 = 4 million years
d. 254,686 = 40 million years

5

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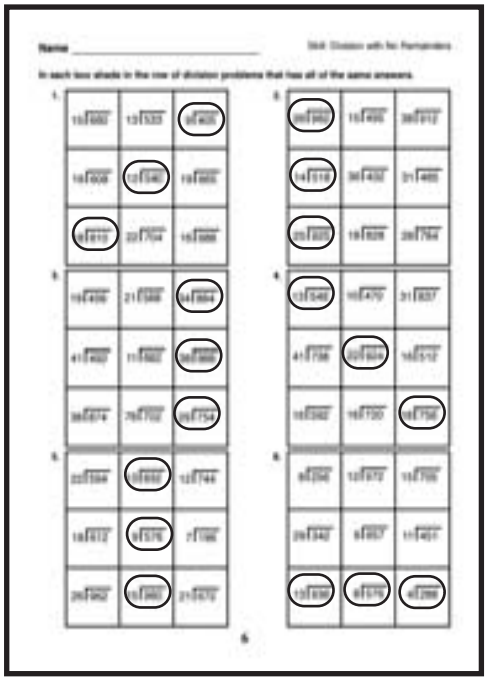

Name _____ Skill: Division with No Remainders

In each box shade in the row of division problems that has all of the same answers.

6

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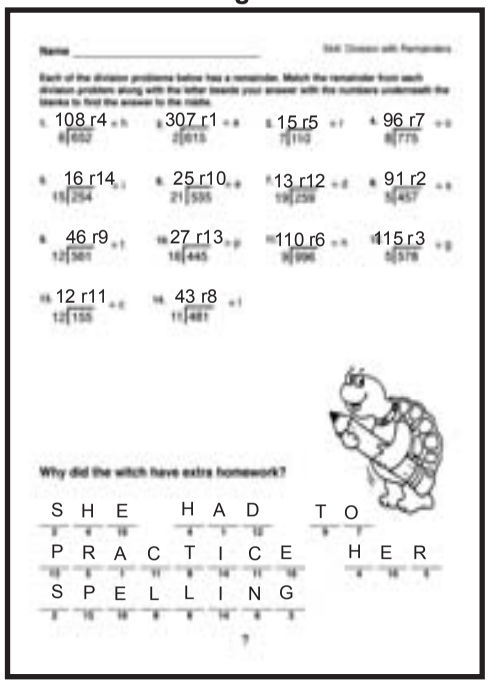

Name _____ Skill: Division with Remainders

Each of the division problems below has a remainder. Match the remainder from each division problem along with the letter beside your answer with the numbers underneath the blanks to find the answer to the riddle.

1. 108 r4 = h
2. 307 r1 = e
3. 15 r5 = i
4. 96 r7 = o
5. 16 r14 = i
6. 25 r10 = e
7. 13 r12 = d
8. 91 r2 = e
9. 46 r9 = i
10. 27 r13 = p
11. 110 r6 = s
12. 115 r3 = g
13. 12 r11 = e
14. 43 r8 = i

Why did the witch have extra homework?

S H E H A D T O
5 4 16 4 1 12 1 7

P R A C T I C E H E R
13 4 1 11 8 14 11 16 4 16 4

S P E L L I N G
5 13 16 8 8 14 4 5

7

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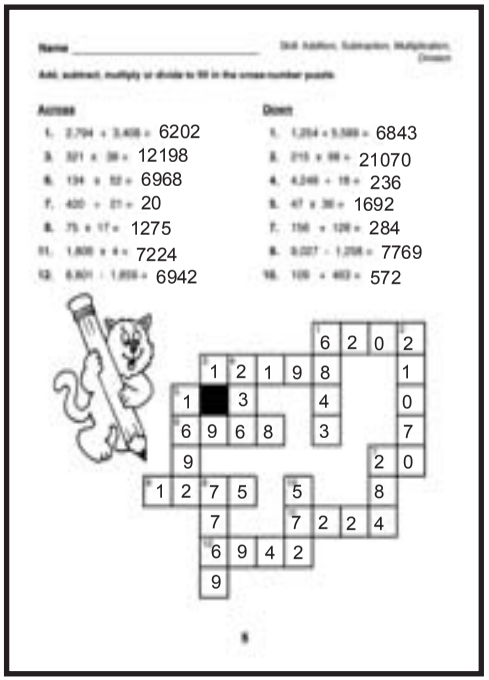

Name _____ Skill: Addition, Subtraction, Multiplication, Division

Add, subtract, multiply or divide to fill in the cross-number puzzle.

Across
1. 2,794 + 3,408 = 6202
3. 321 x 39 = 12198
6. 134 x 52 = 6968
7. 420 ÷ 21 = 20
8. 75 x 17 = 1275
11. 1,808 x 4 = 7224
12. 8,801 - 1,859 = 6942

Down
1. 1,254 + 5,589 = 6843
2. 215 x 98 = 21070
4. 4,248 ÷ 18 = 236
5. 47 x 36 = 1692
7. 156 x 126 = 284
8. 9,027 - 1,258 = 7769
10. 109 x 403 = 572

8

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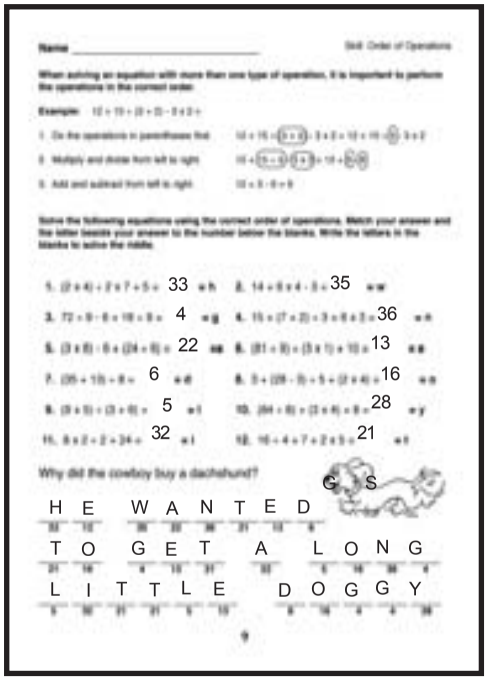
Answer Key



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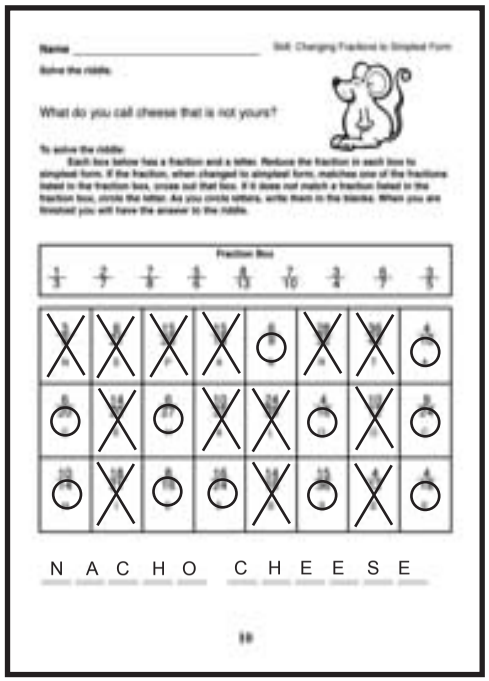

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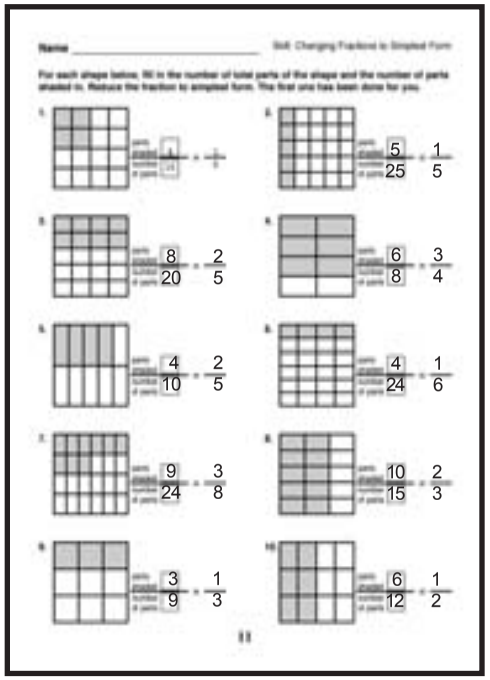

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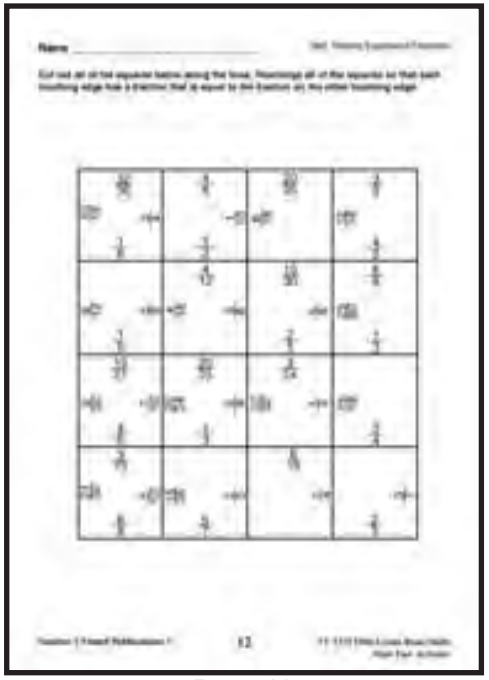

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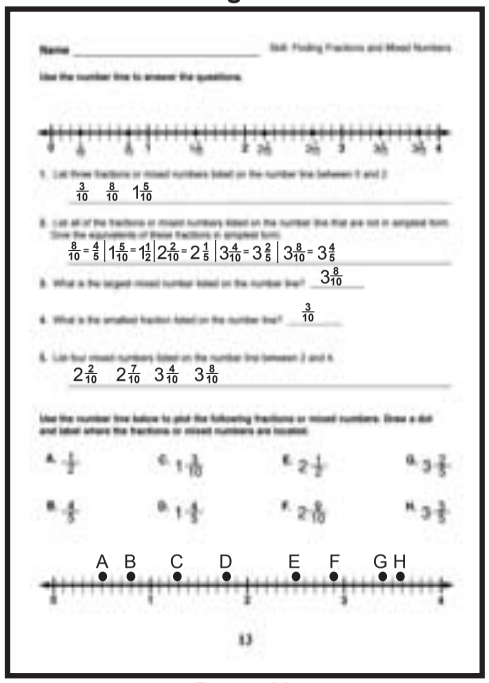

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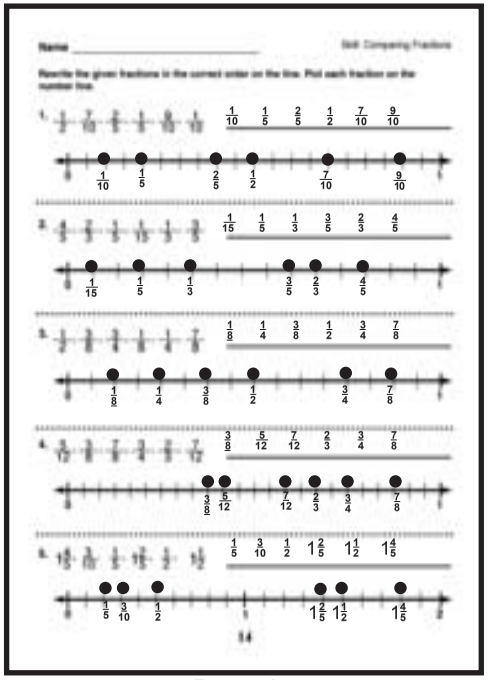

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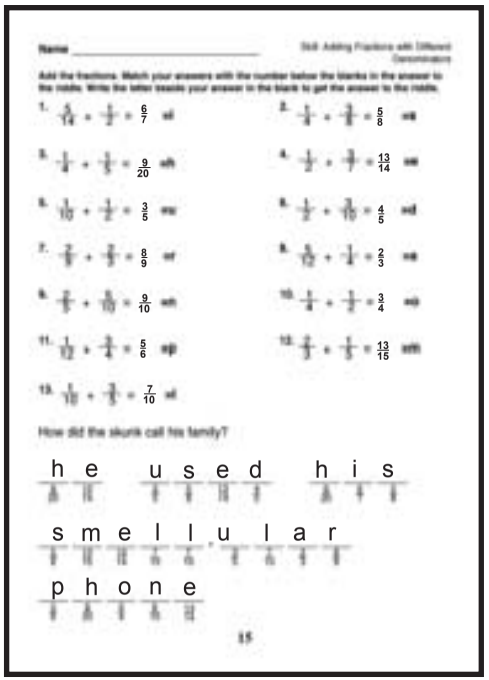
Answer Key



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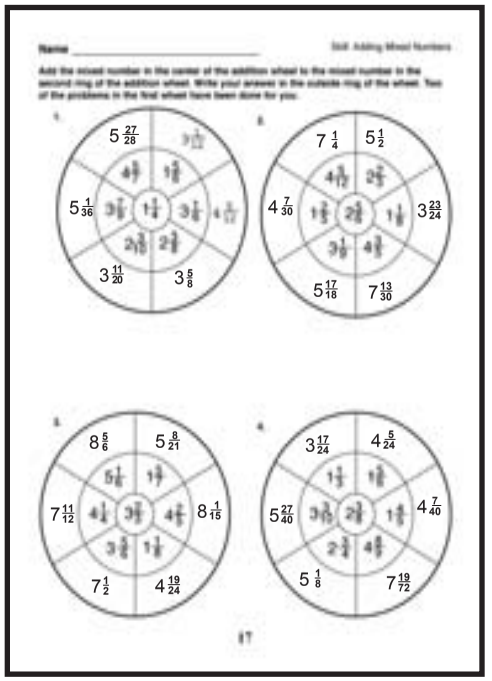

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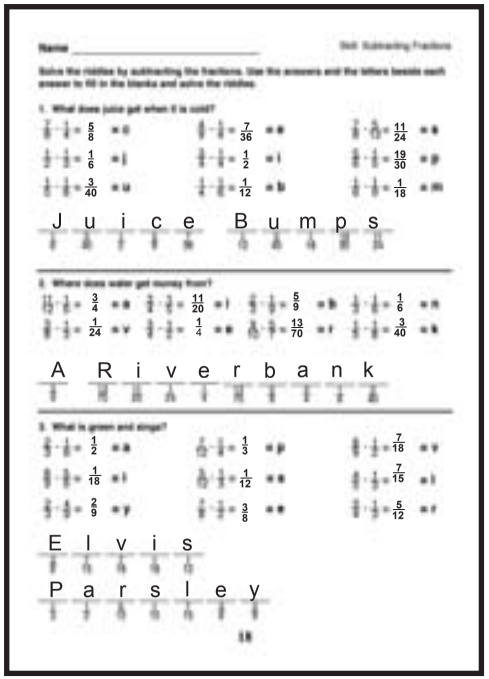

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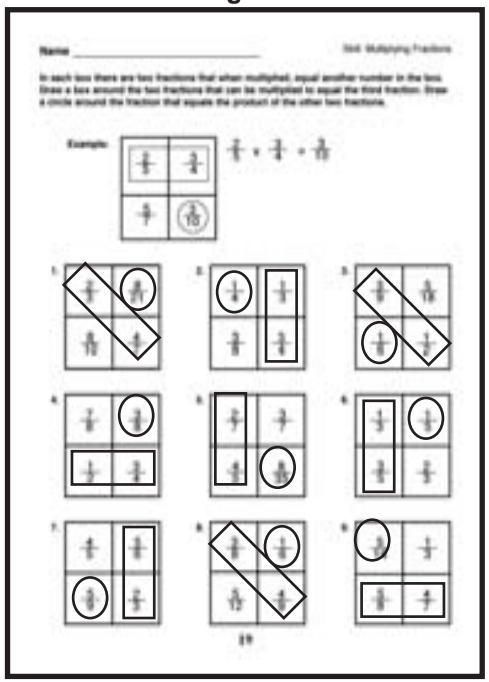

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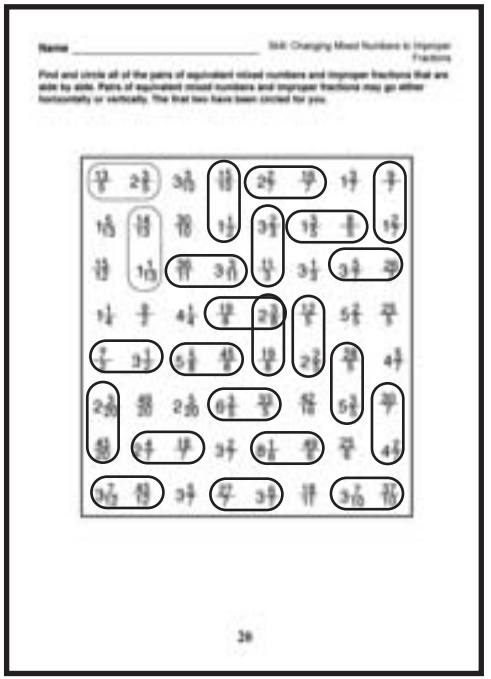

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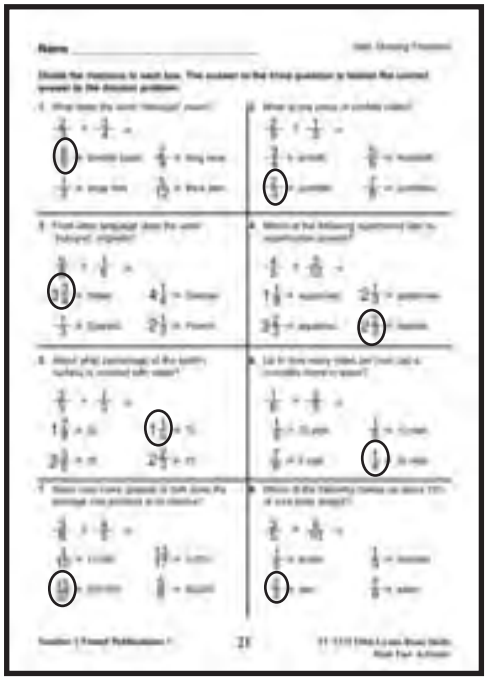

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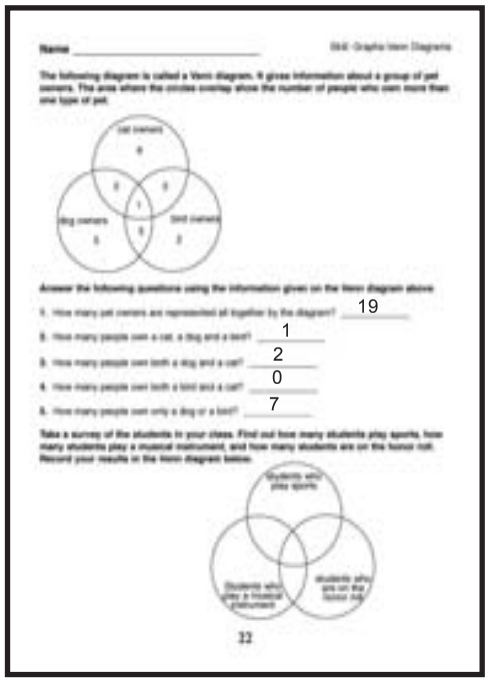

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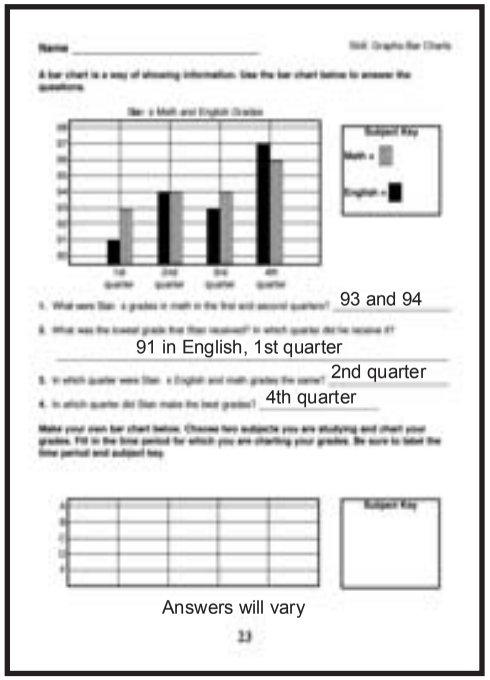

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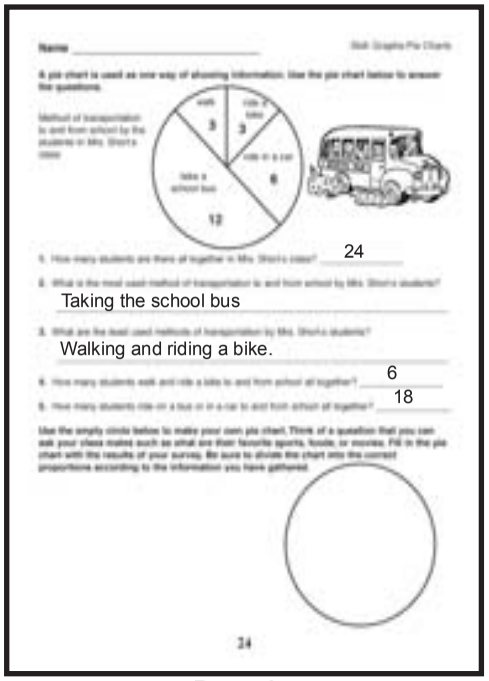

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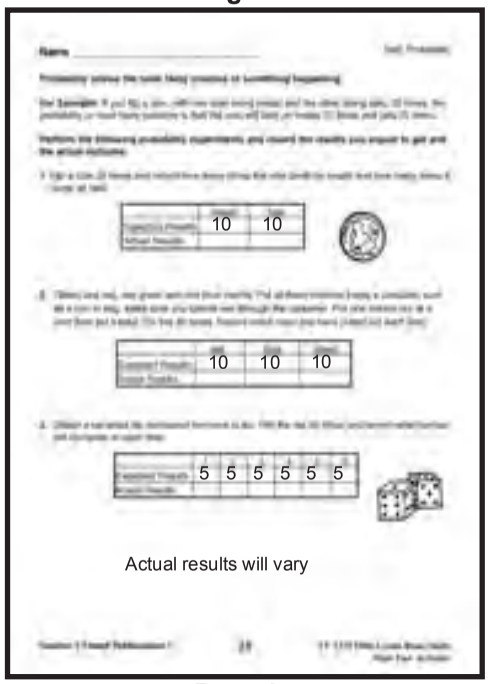

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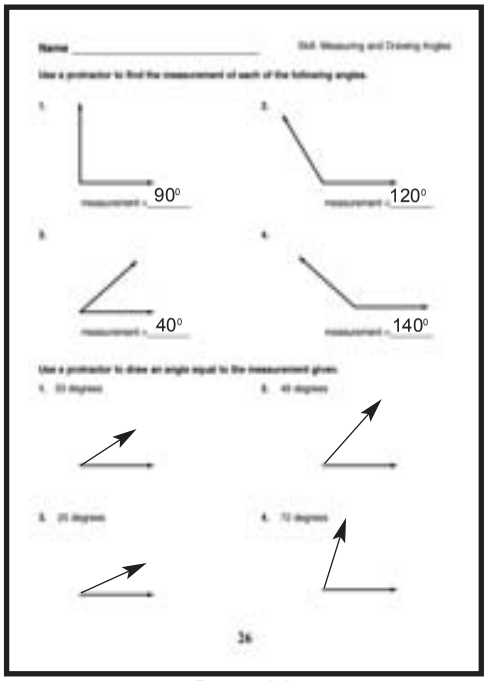

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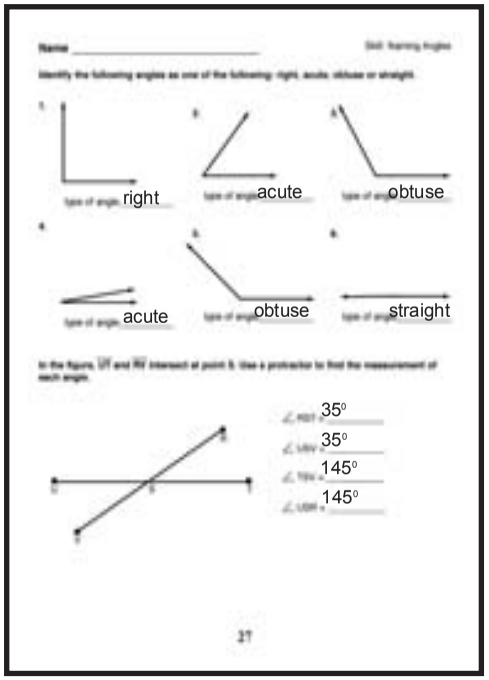

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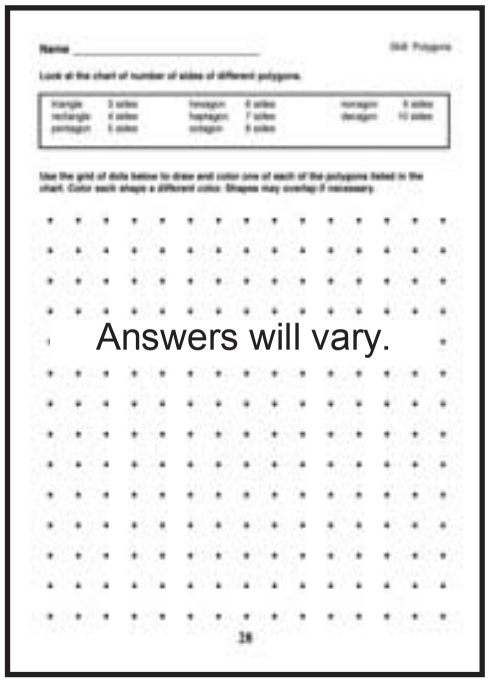

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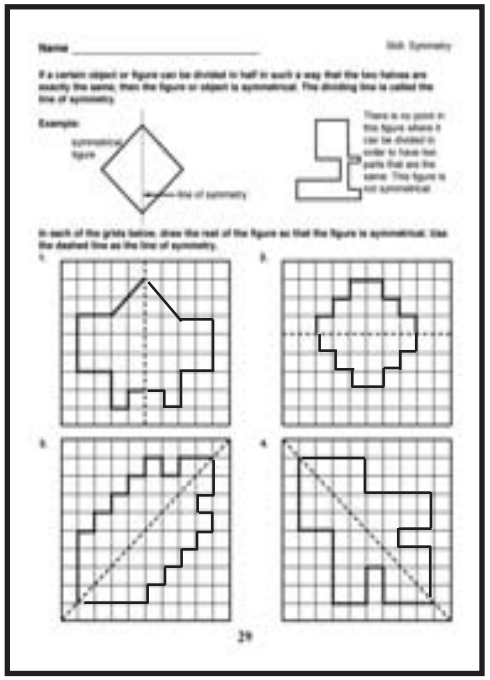

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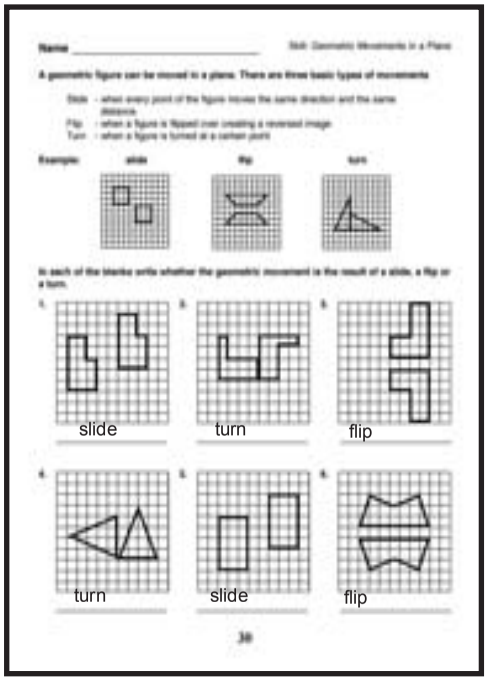

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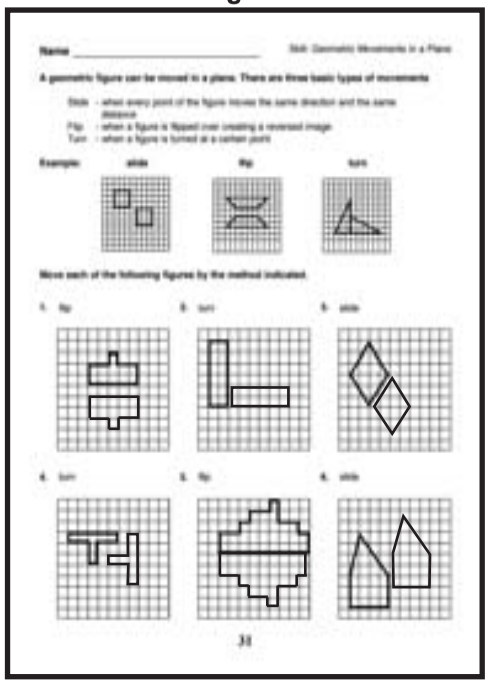

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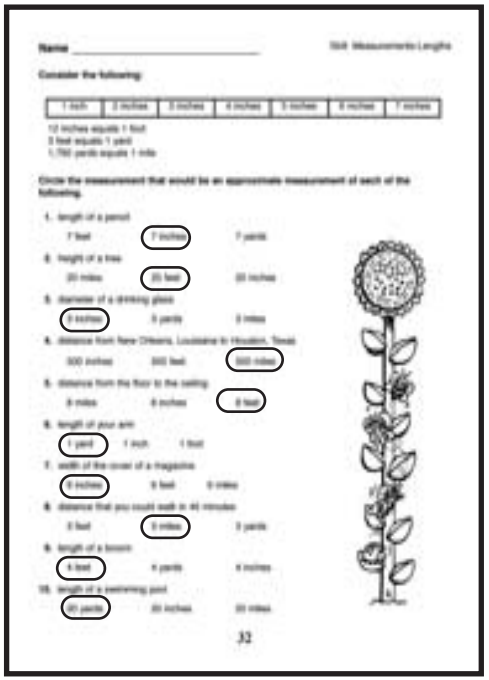

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Answer Key

Answers will vary

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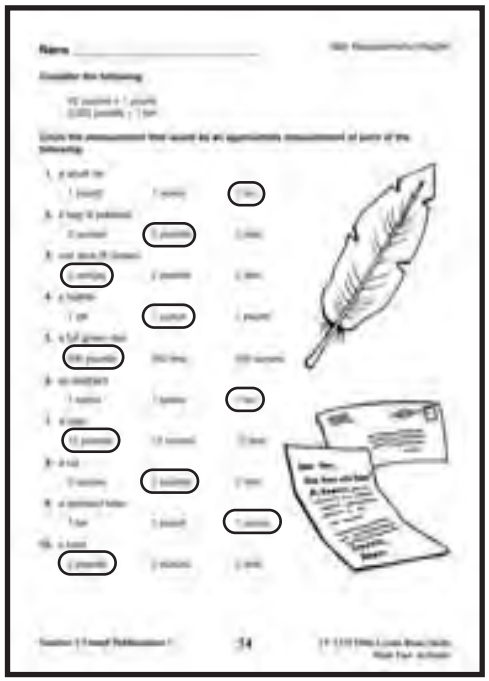

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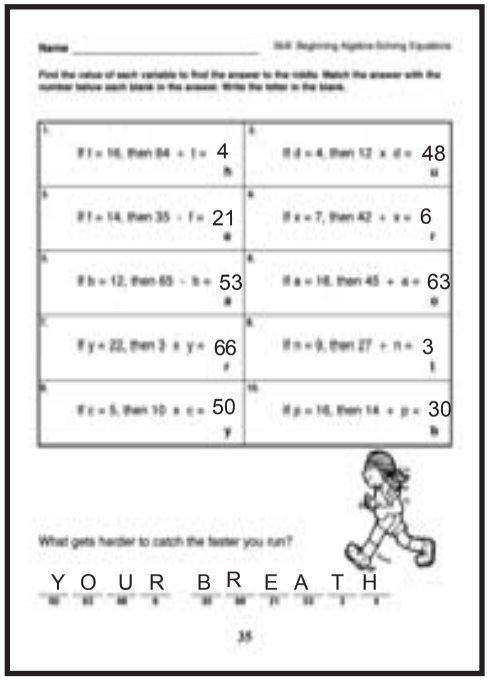

1. If l = 16, then 84 ÷ l = 4 h	2. If d = 4, then 12 x d = 48 u
3. If t = 14, then 35 - t = 21 e	4. If x = 7, then 42 ÷ x = 6 r
5. If b = 12, then 65 - b = 53 a	6. If a = 16, then 45 + a = 63 o
7. If y = 22, then 3 x y = 66 f	8. If n = 9, then 27 ÷ n = 3 t
9. If c = 5, then 10 x c = 50 y	10. If p = 16, then 14 + p = 30 b

What gets harder to catch the faster you run?

Y O U R B R E A T H

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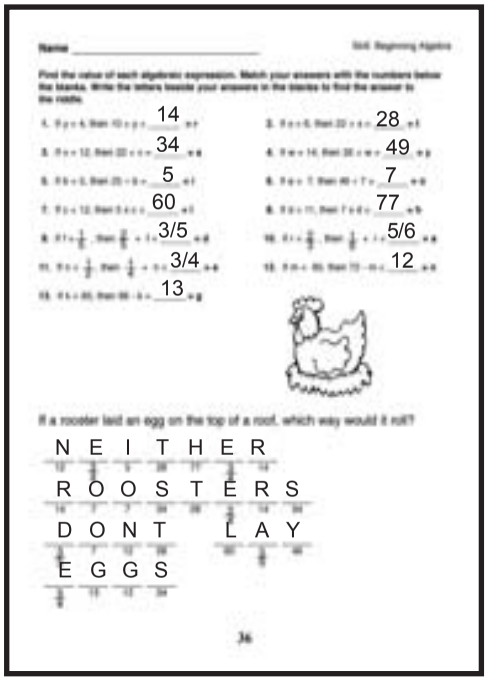

1. 14	2. 28
3. 34	4. 49
5. 5	6. 7
7. 60	8. 77
9. 3/5	10. 5/6
11. 3/4	12. 12
13. 13	

If a rooster laid an egg on the top of a roof, which way would it roll?

N E I T H E R

R O O S T E R S

D O N T L A Y

E G G S

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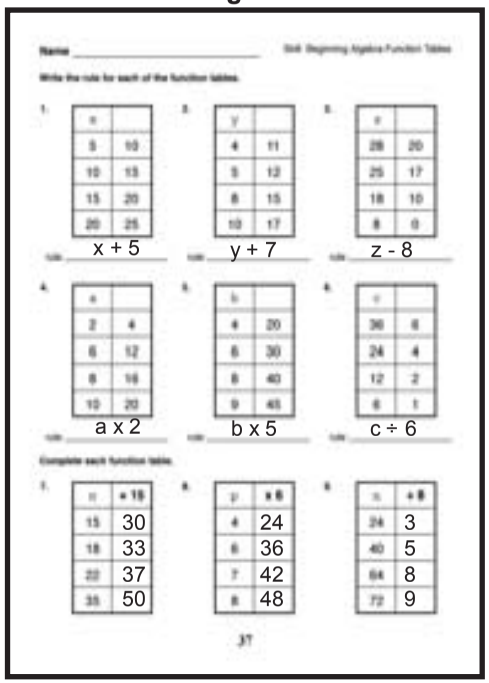

1. x + 5
2. y + 7
3. z - 8
4. a x 2
5. b x 5
6. c ÷ 6

n	n + 15
15	30
18	33
22	37
35	50

p	p x 8
4	24
6	36
7	42
8	48

n	n ÷ 8
24	3
40	5
64	8
72	9

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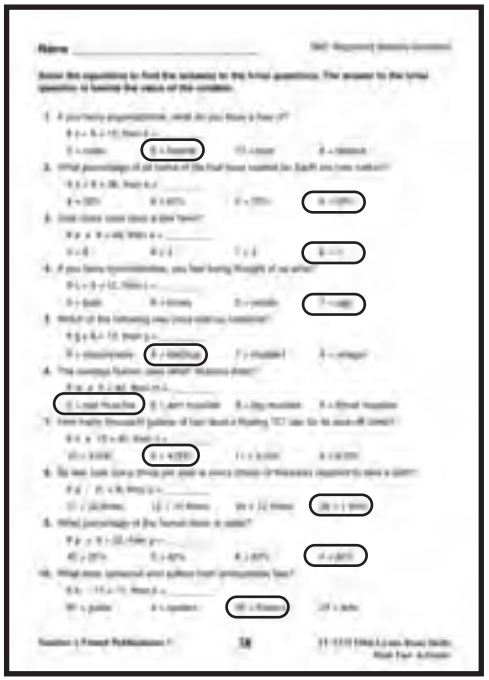

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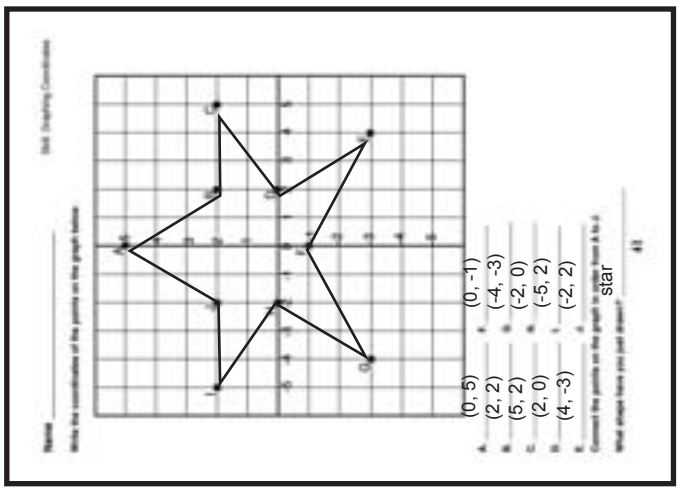
Answer Key



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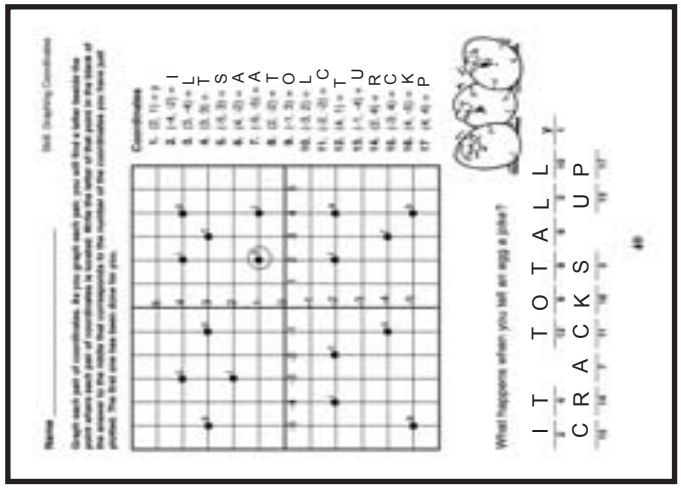

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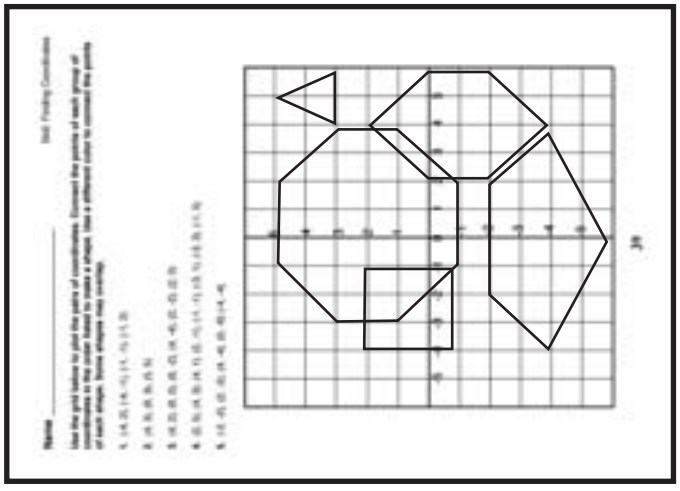

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