Home School Packet
for
Math 54

by
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Test Forms

CONTENTS

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Test 1, Form A (Lesson 5) **SHOW YOUR WORK** **Name:** _____

1. The digit 8 is in what place in these numbers?

a. 118 **b.** 823 **c.** 481

2. Use 3 digits to write the number that equals 4 hundreds plus 6 tens plus 5 ones.

3. If the pattern is continued, what would be the next number circled?

1 2 3 ④ 5 6 7 ⑧ 9 10 . . .

4. Six boys have how many elbows? Count by 2's.

5. How many cents are in 4 nickels? Count by 5's.

6. What is the last digit in the number 346?

7. What number is indicated by this diagram?

hundred	ten	one
hundred	ten	one
hundred	ten	one
	ten	

8. Draw a diagram for the number 135.

Find the missing number in these sequences.

9. 12, 18, ___, 30, . . .

10. 6, ___, 12, 15, . . .

11. 40, 35, 30, ___, . . .

12. How many digits are in the number 186,527,394?

Find either the sum or the missing addend.

13.
$$\begin{array}{r} 9 \\ 1 \\ 2 \\ +\ 7 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 8 \\ 3 \\ 6 \\ +\ 2 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 4 \\ 5 \\ N \\ +\ 4 \\ \hline 22 \end{array}$$

16.
$$\begin{array}{r} 8 \\ 2 \\ N \\ +\ 6 \\ \hline 19 \end{array}$$

17.
$$\begin{array}{r} 7 \\ +\ 8 \\ \hline \end{array}$$

18. $9 + N + 7 = 16$

19.
$$\begin{array}{r} 8 \\ N \\ +\ 3 \\ \hline 16 \end{array}$$

20. $9 + 3 + 7 + 2 + 1 + 8 + 4$

Answers	
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Write odd or even for each number.

1. 350 **2.** 77

Use digits to write:

3. Five hundred seventeen

4. Eight hundred forty-three

Use words to write:

5. 582 **6.** 960

7. Draw a diagram that shows the meaning of 326.

8. The digit 5 is in what place in these numbers?

a. 625 **b.** 456 **c.** 563

9. What digit is in the hundreds' place in 843?

10. 28 + 64 **11.** 5 + 7 + 6 + 9 + 4 + 3

12.
$$\begin{array}{r} 47 \\ +\ 18 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 17 \\ -\ 8 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 13 \\ -\ 6 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 2 \\ 4 \\ +N \\ \hline 12 \end{array}$$

16.
$$\begin{array}{r} 5 \\ N \\ +\ 2 \\ \hline 15 \end{array}$$

17.
$$\begin{array}{r} N \\ 4 \\ +\ 7 \\ \hline 13 \end{array}$$

Write the next three numbers in these sequences.

18. 12, 15, 18, ___, ___, ___, . . .

19. 28, 35, 42, ___, ___, ___, . . .

20. 12, 16, 20, ___, ___, ___, . . .

	Answers
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Test 3, Form A (Lesson 15) **SHOW YOUR WORK** **Name:** _____

1. Sixty-three students ran in circles and waved their arms. Thirteen students watched in amazement. How many students were there in all?

2. Use digits to write the number four hundred ninety-six.

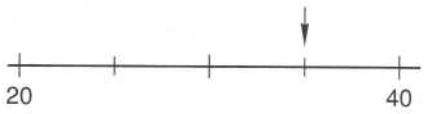
3. Use words to write the number 429.

4. Use digits and a comparison symbol to show that eleven is greater than five.

5. Write the smallest even three-digit number that has a 9 in the tens' place and a 3 in the hundreds' place.

6. Write the smallest odd three-digit number that has a 4 in the tens' place and a 6 in the hundreds' place.

7. To which number is the arrow pointing?



Compare:

8. 716 ◯ 617

9. 562 ◯ 652

Write the next three numbers in these sequences.

10. 18, 27, 36, ___, ___, ___, . . .

11. 32, 40, 48, ___, ___, ___, . . .

12. 7 + 6 + 5 + 4 + 3 + 2 + 1

13. $\begin{array}{r} 16 \\ -\ A \\ \hline 7 \end{array}$

14. $\begin{array}{r} N \\ -\ 6 \\ \hline 5 \end{array}$

15. $\begin{array}{r} 6 \\ 4 \\ A \\ +\ 2 \\ \hline 17 \end{array}$

16. $\begin{array}{r} B \\ 5 \\ +6 \\ \hline 19 \end{array}$

17. $\begin{array}{r} 68 \\ +\ 27 \\ \hline \end{array}$

18. $\begin{array}{r} 496 \\ +\ 247 \\ \hline \end{array}$

19. 12 − 5

20. 732 + 59

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Test 4, Form A (Lesson 20) **SHOW YOUR WORK** **Name:** _____

1. One doctor put in forty-six stitches. A second doctor put in some more stitches. There were eighty-nine stitches in all. How many stitches did the second doctor put in?

2. Three hundred nine roses were in front. Five hundred thirty-three roses were behind. How many roses were there in all?

3. Use the digits 7, 2, and 1 once each to write an even number less than three hundred.

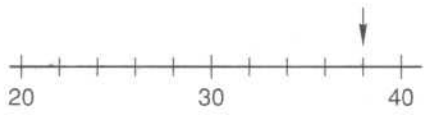
4. Use words to write the number 925.

5. The smallest even two-digit whole number is 10. What is the smallest odd two-digit whole number?

Compare:

6. 63 ◯ 36 **7.** 514 ◯ 415

8. To which number is the arrow pointing?



9. Write 345 in expanded form.

10.
$$\begin{array}{r} 28 \\ -AB \\ \hline 13 \end{array}$$

11.
$$\begin{array}{r} 44 \\ -\ 28 \\ \hline \end{array}$$

12.
$$\begin{array}{r} CD \\ -\ 24 \\ \hline 28 \end{array}$$

13.
$$\begin{array}{r} 38 \\ -\ 27 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 36 \\ +EF \\ \hline 64 \end{array}$$

15.
$$\begin{array}{r} 44 \\ 59 \\ 36 \\ +\ 95 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 27 \\ +GH \\ \hline 72 \end{array}$$

17.
$$\begin{array}{r} 38 \\ 33 \\ 31 \\ +\ 56 \\ \hline \end{array}$$

18.
$$\begin{array}{r} 438 \\ 77 \\ +\ 6 \\ \hline \end{array}$$

19. $5 + 6 + 7 + 8 + 9 + N = 50$

20. Write the next three numbers in this sequence.

28, 35, 42, ___, ___, ___, . . .

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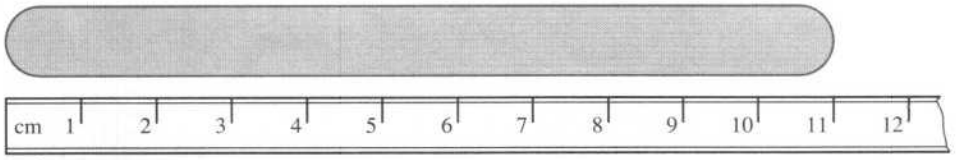
1. Thirty-eight boys sat in the first row. Forty-four boys sat in the second row. Seventy boys sat in the third row. How many boys sat in the first three rows?
2. Thirty crayons were in the box. Fran took some crayons out of the box. Fourteen crayons were left in the box. How many crayons did Fran take out of the box?
3. The baseball glove costs forty-six dollars. Sherry has saved seventeen dollars. How much more money does she need?
4. Write 908 in expanded form. Then use words to write this number.
5. Use digits and symbols to show that five times zero equals four times zero.
6. This wooden object was found in a park. About how long is it?



7. The first seven counting numbers are 1, 2, 3, 4, 5, 6, and 7. What is the sum of the first seven counting numbers?
8. Find the missing numbers in this sequence:

   24, ___, ___, 15, 12, ___, . . .

Use this clock to answer questions **9** and **10.**

9. If it is morning, what time will it be in 2 hours and 15 minutes?
10. If it is morning, what time was it one and a half hours ago?
11. Change this addition to a multiplication:

    7 + 7 + 7 + 7 + 7 + 7

12. A 7 was in the tens' place. A 2 was in the ones' place. The number was between 750 and 850. What was the number?
13. Draw a pattern of x's to show the multiplication of 4×5.
14. **a.** 4×5 **b.** 2×5 **c.** 5×8

15. $\begin{array}{r} 76 \\ -\ 29 \\ \hline \end{array}$

16. $\begin{array}{r} 286 \\ +\ 388 \\ \hline \end{array}$

17. $\begin{array}{r} 87 \\ -\ AB \\ \hline 48 \end{array}$

18. $\begin{array}{r} 28 \\ +\ XY \\ \hline 57 \end{array}$

19. $78 - 43$

20. $4 + 3 + 6 + 5 + 2 + 3 + 7 + 4 + 5 + 2 + 8 + 9$

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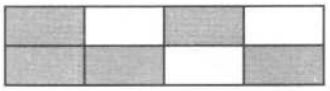
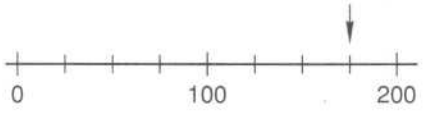
1. There are three hundred fifteen pages in the book. Ted has read sixty-four pages. How many more pages are left to read?
2. Use the digits 7, 8, and 9 once each to make an even number greater than 800.
3. Use digits and a comparison symbol to show that three hundred eighty-five is less than six hundred twelve.
4. Write the number 63,015 in expanded form.
5. Draw two parallel lines.
6. It is early in the morning. What time will it be 13 hours and 40 minutes from now?

7. What fraction of this rectangle is shaded?



8. Write a multiplication for $9 + 9 + 9 + 9$.
9. Round 46 to the nearest ten. Round 53 to the nearest ten. Use digits and symbols to compare the rounded numbers.
10. Is the value of 5 nickels and 3 dimes an even number of cents or an odd number?
11. The arrow is pointing to what number on this number line?



12. **a.** 3×3 **b.** 6×6 **c.** 9×9
13. Compare: $43 + 56 \bigcirc 53 + 46$
14. Sixty-seven is how much less than three hundred?
15. Use words to name 851.
16. What numbers are missing in this sequence?
    108, ___, ___, 81, 72, ___, . . .
17. $12 + W = 77$
18. $\begin{array}{r} 747 \\ -NAB \\ \hline 414 \end{array}$
19. $\begin{array}{r} CD \\ -\ 35 \\ \hline 14 \end{array}$
20. $88 + 24 + 35 + 66 + 58 + 229$

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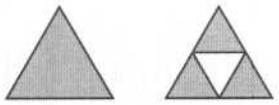
1. On the way to school Becky-Jo saw four hundred twenty-nine petunia blossoms. Raoul saw seven hundred twelve petunia blossoms. How many more petunia blossoms did Raoul see?

2. Circe had eight hundred seventy pigs. After Odysseus came she had nine hundred sixty-two pigs. How many pigs did she get from Odysseus?

3. Five hundred forty-four thousand, three hundred sixty-two is a big number. Use digits to write this number.

4. The money in the piggy bank was worth eight dollars and thirty-five cents. Use a dollar sign to write this amount. Then use a cents sign to write this amount.

5. What mixed number is pictured here?



6. Name the fraction or mixed number marked by each arrow on this number line.

7. Use words to write $12.25.

8. Write 364,091 in expanded form.

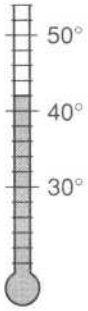
9. It is early morning. What time will it be 7 hours and twenty minutes from now?

10. Round 651 to the nearest ten.

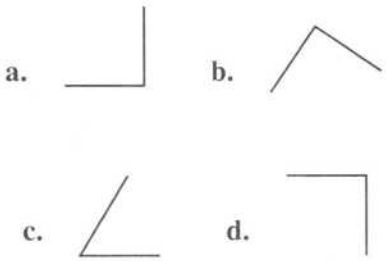
11. Draw a rectangle to show 4×3. Shade five-twelfths of the rectangle.

12. **a.** 6×9 **b.** 4×9 **c.** 9×9

13. What temperature is shown on this thermometer?



14. Which one of these angles does not look like a right angle?



15. $503 - 145$

16. $XYZ + 296 = 714$

17. $ABC - 247 = 412$

18. $\begin{array}{r} 489 \\ +XYZ \\ \hline 766 \end{array}$

19. $\begin{array}{r} 670 \\ -XYZ \\ \hline 352 \end{array}$

20. $28 + 46 + 48 + 64 + 32 + 344$

Answers	
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1. Kevin had a dime, two quarters, and six pennies. Write this amount with a dollar sign and a decimal point.

2. Ukiah is 438 miles north of Bakersfield. Fresno is 110 miles north of Bakersfield. How far is it from Fresno to Ukiah?

3. Use the digits 5, 6, and 7 once each to make an odd number less than 600.

4. Use digits and a comparison symbol to show that eight hundred ninety-three is greater than five hundred ninety-nine.

5. It is dark now. What time will it be five hours and 3 minutes from now?

6. Write the number 724,868 in expanded form. Then use words to write the number.

7. Draw a square and shade one-ninth of it.

8. There was a 5 in the ones' place and a 4 in the tens' place. The number was between 200 and 300. What was the number?

9. Which letter below has no right angles?

T H E N

10. The length of segment *AB* is 8 cm. The length of segment *BC* is 5 cm. What is the length of segment *AC*?

11. Write a multiplication for $4 + 4 + 4 + 4 + 4 + 4$.

12. Round 86 to the nearest ten. Round 84 to the nearest ten. Use digits and symbols to compare the rounded numbers.

13. How many one-foot rulers laid end to end would it take to reach 5 yards?

14. What mixed number is shown by the shaded rectangles?

15. $305 - 177$

16. $485 + 357 + 53$

17. **a.** $\begin{array}{r} 7 \\ \times\ 3 \\ \hline \end{array}$ **b.** $\begin{array}{r} 6 \\ \times\ 8 \\ \hline \end{array}$ **c.** $\begin{array}{r} 4 \\ \times\ 8 \\ \hline \end{array}$

18. $\begin{array}{r} ABC \\ +\ 243 \\ \hline 612 \end{array}$

19. $\begin{array}{r} XYZ \\ -\ 328 \\ \hline 404 \end{array}$

20. $48 + 61 + 28 + 32 + N = 208$

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1. Six hundred fifty-five were in the first wave. Nine hundred ninety-three were in the first two waves. How many were in the second wave?

2. There were three hundred thirty-five eggs in the first shipment. There were eight hundred twenty-eight eggs in the second shipment. How many fewer eggs were in the first shipment?

3. Hischer baled seventy-nine bales of hay the first day. He baled ninety-nine bales on the second day. He baled thirty-four bales of hay on the third day. How many bales of hay did he bale in the three days?

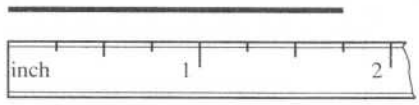
4. Use the digits 5, 6, and 9 once each to write an odd number greater than 695.

5. Draw shaded rectangles to picture the mixed number $2\frac{1}{6}$.

6. Write 353,644 in expanded form. Then use words to write this number.

7. It is night. What time was it 10 hours and 30 minutes ago?

8. To the nearest quarter inch, how long is this segment?



9. To what mixed number is the arrow pointing?

10. $72 + (8 \times 6)$

11. \$7.29 + 43¢ + \$7

12.
$$\begin{array}{r} \$\ 6.09 \\ -\ \$\ 2.56 \\ \hline \end{array}$$

13.
$$\begin{array}{r} N \\ +364 \\ \hline 942 \end{array}$$

14.
$$\begin{array}{r} 778 \\ -ABC \\ \hline 549 \end{array}$$

15.
$$\begin{array}{r} 54 \\ \times\ 4 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 92 \\ \times\ 5 \\ \hline \end{array}$$

17. $5\overline{)35}$

18. $7\overline{)49}$

19. $6\overline{)48}$

20. $N + 72 + 7 = 405$

Answers	
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1. The coach had fifty-four players. He wanted to make six equal teams. How many players should be on each team?

2. There were 9 pancakes in each stack. If there were 63 pancakes in all, how many stacks were there?

3. Four hundred thirty-nine laughed out loud. Seven hundred thirty-eight merely smiled. What was the total of the smilers and the laughers?

4. Merle found six hundred twenty-three. Henry found eight hundred one. Henry found how many more than Merle?

5. Use words to write 593,004.

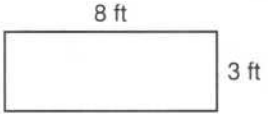
6. Use the digits 1, 2, 3, and 4 once each to write an odd number between 3214 and 3250.

7. How many circles are shaded?

8. Which of these angles does not look like a right angle?

a.  **b.**  **c.**  **d.** 

9. This is a rectangle.



a. What is its length?
b. What is its width?
c. What is its perimeter?

10. Round 563 to the nearest hundred.

11. 4652 + 364 + 3109 + 13

12.
$$\begin{array}{r} 74{,}212 \\ +\ 91{,}060 \\ \hline \end{array}$$

13.
$$\begin{array}{r} \$\ 6.00 \\ -\ \$\ 2.93 \\ \hline \end{array}$$

14.
$$\begin{array}{r} N \\ +267 \\ \hline 912 \end{array}$$

15.
$$\begin{array}{r} 53 \\ \times\ 7 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 64 \\ \times\ 9 \\ \hline \end{array}$$

17.
$$\begin{array}{r} XYZ \\ -\ 538 \\ \hline 183 \end{array}$$

18. $40 - (6 \times 6)$

19. **a.** $7\overline{)28}$ **b.** $36 \div 4$

20. $N \times 7 = 7 + 7 + 7 + 7 + 7$

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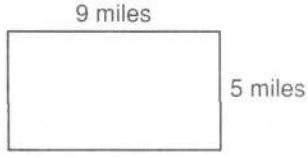
Test 13, Form A (Lesson 65) **SHOW YOUR WORK** **Name:** _____

1. James had forty-nine pies. Seven pies would fit on one tray. How many trays did he need?
2. Six hundred forty-three ducks were on the lake. At sunrise some flew away. Then only two hundred eleven ducks were left. How many flew away?
3. Five hundred forty-seven rabbits were munching grass in the meadow. That afternoon some more rabbits came. Then seven hundred fifty-nine rabbits were munching grass in the meadow. How many rabbits came in the afternoon?
4. Use words to write 61,283.
5. List the months of the year that have 31 days.
6. Find the eighth multiple of 4. Then subtract 12. What is the answer?
7. Compare these fractions. Draw two rectangles to show the fractions.

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

8. Round 673 to the nearest hundred. Round 541 to the nearest hundred. Then find the sum of the rounded numbers.
9. What is the perimeter of this rectangle?



10. $\begin{array}{r} 73{,}129 \\ +\ 8{,}293 \\ \hline \end{array}$

11. $\begin{array}{r} \$\ 12.00 \\ -\ \$\ \ 7.83 \\ \hline \end{array}$

12. $\begin{array}{r} 716 \\ 44 \\ 319 \\ 76 \\ 14 \\ +\ \ 8 \\ \hline \end{array}$

13. $\begin{array}{r} 46{,}218 \\ -\ 17{,}649 \\ \hline \end{array}$

14. $\begin{array}{r} 79 \\ \times\ 7 \\ \hline \end{array}$

15. $47 \div 6$

16. $9\overline{)80}$

17. $20 + (20 \div 5)$

18. $\begin{array}{r} XYZ \\ +\ 853 \\ \hline 1172 \end{array}$

19. $\begin{array}{r} 13 \\ 4 \\ 16 \\ 7 \\ +\ N \\ \hline 58 \end{array}$

20. $\begin{array}{r} N \\ -351 \\ \hline 600 \end{array}$

Answers	
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1. The first number was one thousand, two hundred eighty-two. The second number was two hundred nineteen. The first number was how much greater than the second number?

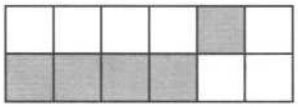
2. Seven little people could crowd into one of the spaces. If there were thirty-five spaces, how many little people could crowd in?

3. Only two big people could crowd into one of the spaces. If there were fourteen big people standing in line, how many spaces would it take to hold them?

4. The Gilbreth family drank 54 quarts of milk in 6 days. That was an average of how many quarts of milk each day?

5. Carl weighed 75 pounds. He put on his clothes that weighed 3 pounds and his shoes that weighed 1 pound each. Finally he put on a jacket that weighed 2 pounds and stepped on the scale again. Then how much did the scale show that he weighed?

6. What fraction of this rectangle is not shaded?



7. The pumpkin pie was sliced into 7 equal parts. After two slices were taken, what fraction of the pie was left?

8. Compare these fractions. Shade parts of circles to show each fraction.

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

9. Round to the nearest hundred to estimate the sum of 608 and 249.

10. List the months of the year that have exactly 30 days.

11. What is the perimeter of this rectangle?

12. $\begin{array}{r} \$\ 71.43 \\ +\ \$\ 16.77 \\ \hline \end{array}$

13. $\begin{array}{r} XYZ \\ -\ 366 \\ \hline 156 \end{array}$

14. $1000 - (12 \times 8)$

15. $\begin{array}{r} 536{,}369 \\ -\ 148{,}281 \\ \hline \end{array}$

16. $\begin{array}{r} 760 \\ \times\ 5 \\ \hline \end{array}$

17. $\begin{array}{r} 17 \\ 9 \\ 4 \\ N \\ +11 \\ \hline 62 \end{array}$

18. $7 \times R = 63$

19. $37 \div 8$

20. $6\overline{)59}$

Answers	
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Test 15, Form A (Lesson 75) **SHOW YOUR WORK** **Name:** _____

1. With his bow and arrow, William Tell split 14 apples in half. How many half apples were there?

2. Every third bead on the necklace was red. There were one hundred fifty beads in all. How many beads were red?

3. Five hundred forty-two thousand, seven hundred twelve was the first number. One hundred thirty-three thousand, two hundred eleven was the second number. What was the sum of the first number and the second number?

4. Big Fox chased Little Rabbit 40 kilometers north, then 18 kilometers south. How far was he from where he started? (Draw a diagram.)

5. At 10:15 a.m., Jason glanced at the clock. His doctor's appointment was in three and a half hours. At what time was his appointment?

6. Estimate the product of 64 and 4.

7. The car could go 28 miles on one gallon of gas. How far could the car go on 7 gallons of gas?

8. Two-fifths of the crowd cheered wildly. The rest of the crowd stood silently. What fraction of the crowd stood silently?

9. $N + 5 = 3 \times 12$

10. Compare. Draw two rectangles to show the fractions.

$$\frac{1}{4} \bigcirc \frac{2}{5}$$

11. $25 - (20 \div 5)$

12. $37{,}394 + 117{,}087$

13. $47 + 154 + 7 + 63 + 2965$

14. $\$13 - 15¢$

15. $5 \times 8 \times 4$

16.
$$\begin{array}{r} 374 \\ \times\ \ 6 \\ \hline \end{array}$$

17. $8\overline{)365}$

18. $351 \div 4$

19. $5 \times N = 70$

20. $72¢ + 9¢ + \$2 + \$5.25$

Answers	
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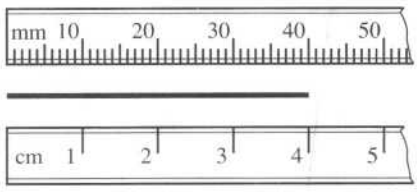
1. The first number was twenty-six thousand, four hundred sixty-six. The second number was three thousand, four hundred ninety-nine. How much larger was the first number?
2. Seven hundred thirteen people waited in line to buy tickets. When the rain began, some went home. Then there were only four hundred sixty-three in line. How many went home when the rain began?
3. Each cookie contained seven chocolate chips. How many chocolate chips would be in 105 cookies?
4. Harry hopped 540 spaces in 9 minutes. How many spaces could he hop in one minute?
5. What is the value of 8 pennies, 4 dimes, 3 quarters, and 3 nickels? Write the answer with a dollar sign.
6. One-fourth of the students earned an A. There were 360 students in all. How many students earned an A?
7. What is one-half of 980?
8. Estimate the product of 6 and 83.
9. **a.** The line segment shown is how many centimeters long?
   b. The segment is how many millimeters long?



10. It is evening. What time was it 5 hours and 10 minutes ago?

11. Compare. Draw two rectangles to show the fractions.

$$\frac{2}{5} \bigcirc \frac{2}{6}$$

12. $\begin{array}{r} \$\ 276.54 \\ +\ \$\ 336.50 \\ \hline \end{array}$

13. $\begin{array}{r} \$\ 30.00 \\ -\ \$\ 29.59 \\ \hline \end{array}$

14. $\begin{array}{r} 206 \\ \times\ 6 \\ \hline \end{array}$

15. $\begin{array}{r} 68 \\ \times\ 30 \\ \hline \end{array}$

16. $8\overline{)247}$

17. $279 \div 4$

18. $\begin{array}{r} 7 \\ 6 \\ 4 \\ 8 \\ 9 \\ 4 \\ 5 \\ 7 \\ +N \\ \hline 61 \end{array}$

19. $8 \times M = 16 + 72$

20. $N \times 7 = 98$

Answers	
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Test 17, Form A (Lesson 85) **SHOW YOUR WORK** **Name:** _____

1. Nine thousand, four hundred seventy-six is how much less than eleven thousand, nine hundred seventy-four?

2. Shannon has five days to read a 300-page book. If she wants to read the same number of pages each day, how many pages should she read each day?

3. Julie ordered a book for \$3.99, a dictionary for \$4.99, and a set of maps for \$5.99. What was the total price for all three items?

4. The prince searched 9 weeks for the princess. For how many days did he search?

5. One-fifth of the books were placed on the first shelf. What fraction of the books were not placed on the first shelf?

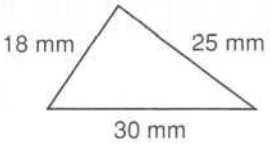
6. What number is halfway between 3000 and 4000?

7. What fraction of the letters in HIPPOPOTAMI are O's?

8. Mary ran a 3-kilometer race. Three kilometers is how many meters?

9. $14 + 11 + 6 + N = 7 \times 8$

10. What is the perimeter of this triangle?



11. The length of segment AB is 42 mm. The length of segment AC is 94 mm. What is the length of segment BC?

12. \$34 − (\$18.61 + 93¢)

13. 245 + 560 + 702 + 16

14. \$8.00 − \$3.83

15. 44,317 − 672

16. $6 \times 7 \times 9$

17. 387×6

18. $6\overline{)1365}$

19. $4 \times W = 312$

20.
$$\begin{array}{r} 374 \\ 215 \\ +\ N \\ \hline 958 \end{array}$$

Answers	
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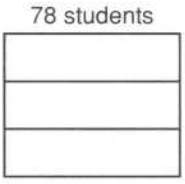
1. Cecilia skated 35 times around the rink forward and 24 times around the rink backward. In all, how many times did she skate around the rink?
2. Nectarines cost 57¢ per pound. What is the price for 3 pounds of nectarines?
3. In bowling, the sum of Amber's score and Beth's score was equal to Sarah's score. If Sarah's score was 111 and Beth's score was 48, what was Amber's score?
4. One-third of the 78 students were assigned to each room. How many students were assigned to each room?



5. Round 3360 to the nearest thousand.
6. What fraction of the letters in ALABAMA are not A's?
7. The station wagon weighed 3 tons. How many pounds is 3 tons?
8. Pick the more reasonable measure for a box of cereal:

   300 g 300 kg
9. According to this calendar, what is the date of the last Sunday in February, 2019?

February 2019

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

10. Fifty-two thousand, eight hundred thirty-four is how much greater than forty-five thousand, nine hundred eighty-six?
11. Estimate the sum of 396, 287, and 512.
12. Michelle could pack 105 packages in 3 hours. How many packages could she pack in 1 hour?
13. $70.00 − $54.19
14. $5963 - (409 \times 6)$
15. $8 \times 9 \times 20$
16. $\$9.23 \times 6$
17. $254 \div 5$
18. $8\overline{)4040}$
19. $201 = 3 \times B$
20. $\begin{array}{r} 2473 \\ 1286 \\ +\ \ N \\ \hline 4000 \end{array}$

Answers	
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Test 19, Form A (Lesson 95) **SHOW YOUR WORK** **Name:** _____

1. It takes Jennifer 20 minutes to walk to school. At what time should she start for school if she wants to arrive at 8:05 a.m.?

2. Before her haircut, Rapunzel weighed 125 pounds. Afterwards she weighed 112 pounds. What was the weight of her hair?

3. Lucy bought a hamburger for $2.59, fries for $0.99, and a drink for 59¢. How much did she pay?

4. Find N if $25 + 16 + N = 25 \times 2$.

5. According to this calendar, October 19, 1902, was what day of the week?

October						1902
S	**M**	**T**	**W**	**T**	**F**	**S**
						1
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9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

6. The tally for 16 is 𝍸 𝍸 𝍸 |. What is the tally for 19?

7. Round five thousand, six hundred forty-three to the nearest thousand.

8. The airplane weighed twenty tons. Twenty tons is how many pounds?

9. Illustrate this fraction-of-a-group statement:
"One-ninth of the 45 horses were pintos."

10. A few were present at 9 a.m. Later five thousand, seven hundred eighty-six more came. Then there were eight thousand, two present. How many were present at 9 a.m.?

11. Debby could run 27 laps in 1 hour. At that rate, how many laps could she run in 3 hours?

12. $\begin{array}{r} \$\ 47.36 \\ +\ \$\ 9.86 \\ \hline \end{array}$

13. $\begin{array}{r} 31{,}428 \\ -\ 17{,}633 \\ \hline \end{array}$

14. $\begin{array}{r} 487 \\ \times\ 7 \\ \hline \end{array}$

15. 100×29

16. $7\overline{)\$6.37}$

17. $2000 \div (12 \div 3)$

18. $6 \times C = 420$

19. $\begin{array}{r} 14 \\ 6 \\ N \\ 17 \\ 23 \\ +110 \\ \hline 198 \end{array}$

20. 700×90

Answers	
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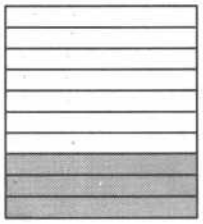
1. Three quarters, 6 dimes, 3 nickels, and 9 pennies is how much money?
2. Trudy put the 50 math books as equally as possible in 7 stacks.
   a. How many stacks had exactly 7 books?
   b. How many stacks had 8 books?
3. Martin paid one dollar for a folder and got 43¢ back in change. How much did the folder cost?
4. Frank wrote each of his twelve spelling words six times. In all, how many words did he write?
5. Round 6348 to the nearest thousand. Round 1863 to the nearest thousand. Find the sum of the two rounded numbers.
6. What is the tally for 20?
7. Part of this square is shaded.
   a. Use a fraction to name the shaded part.
   b. Use a decimal number to name the shaded part.



8. Illustrate this fraction-of-a-group statement.
   "One-eighth of the 48 crayons were broken."
9. Segment *AB* is 19 mm long. Segment *BC* is 17 mm long. Segment *AD* is 64 mm long. How long is segment *CD*?

10. 54,452 + 7,589
11. \$68.75 + \$194.75
12. 29,268 − 9,816
13. \$60.00 − (\$38.37 + 64¢)
14. $\begin{array}{r} \$5.09 \\ \times \quad 9 \\ \hline \end{array}$
15. 53 × 36
16. $8\overline{)\$50.40}$
17. 3949 ÷ 9
18. Draw circles to show that $1\frac{1}{2}$ equals $\frac{3}{2}$.
19. $\begin{array}{r} N \\ +977 \\ \hline 4381 \end{array}$
20. $\begin{array}{r} 5 \\ 5 \\ 7 \\ 18 \\ 5 \\ +\ N \\ \hline 59 \end{array}$

Answers	
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Test 21, Form A (Lesson 105) **SHOW YOUR WORK** **Name:** _____

1. Fran is four years older than Eloise. Eloise is twice as old as Hector. Hector is 5 years old. How old is Fran?

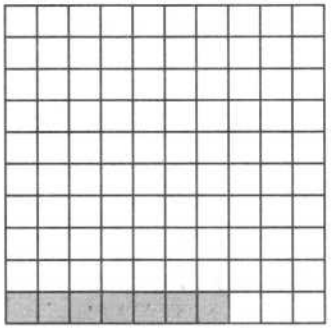
2. What is the total number of days in October, November, and December?

3. It cost $1.47 to mail the package. Marcia put three 25-cent stamps on the package. How much more postage did the package need?

4. Thirty-three desks were arranged in 6 rows as equally as possible.
   a. How many rows had exactly 5 desks?
   b. How many rows had 6 desks?

5. Two-sevenths of the 35 riders rode bareback. How many riders rode bareback? Illustrate the problem.

6. a. What decimal number names the shaded part of this square?
   b. What decimal number names the part that is not shaded?



7. Use words to write 617,019.

8. Round 2719 to the nearest thousand.

9. Beth opened a liter of milk and poured one-fourth of it into a pitcher. How many milliliters of milk did she pour into the pitcher?

10. The sun was up when he started. It was dark when he stopped. How much time had gone by?

Start

Stop

11. The packer could pack 9 boxes in one hour. How many boxes could he pack in 12 hours?

12. Mickey drove 364 miles in 7 hours. How far could he drive in 1 hour?

13.
$$\begin{array}{r} \$14.96 \\ 1.15 \\ 3.00 \\ 0.24 \\ 0.30 \\ 0.26 \\ +\ 1.28 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 341{,}053 \\ -154{,}375 \\ \hline \end{array}$$

15. 40×700

16. $\$8.16 \times 9$

17.
$$\begin{array}{r} 27 \\ \times\ 24 \\ \hline \end{array}$$

18. $8\overline{)1000}$

19. $\frac{732}{4}$

20. $2 + 5 + 6 + 9 + N + 5 + 2 + 2 + 1 = 49$

Answers	
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Use the information in this circle graph to answer questions **1** - **3**.

How Darby Spent his Day

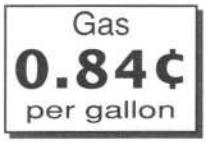
1. What is the total number of hours shown in the graph?

2. What fraction of Darby's day was spent watching T.V.?

3. If Darby's school starts at 7:30 a.m., at what time does it end?

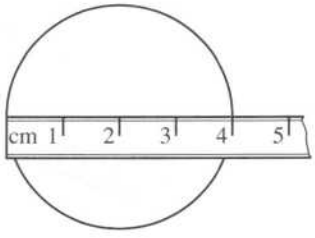
4. Five-sevenths of the 294 marchers were out of step. How many marchers were out of step? Illustrate the problem.

5. Something is wrong with this sign. Draw two different signs that show ways to correct this error.



6. **a.** What is the radius of this circle?

b. What is the diameter of this circle?



7. Use words to name $4{,}235\frac{1}{4}$.

8. Estimate the product of 77 and 33.

9. Apples were priced at 39¢ per pound. What was the cost of 5 pounds of apples?

10. Write the number 308,605 in expanded form. Then use words to write this number.

11. Find the sum of three hundred sixty-three thousand, four hundred fifty-two and eight thousand, seven hundred forty-nine.

12. Four pounds of pears cost $1.60. What did one pound of pears cost? What did eight pounds of pears cost?

13. Draw circles to show that 2 equals $\frac{8}{4}$.

14.
$$\begin{array}{r} \$\ 58.00 \\ -\ \$\ 48.59 \\ \hline \end{array}$$

15.
$$\begin{array}{r} \$\ 0.82 \\ \$\ 1.53 \\ \$\ 13.61 \\ \$\ 0.49 \\ \$\ 0.08 \\ \$\ 6.00 \\ +\ \$\ 1.30 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 1 \\ 2 \\ 4 \\ 3 \\ 5 \\ 9 \\ 8 \\ 3 \\ +N \\ \hline 45 \end{array}$$

17. 80×80

18.
$$\begin{array}{r} 64 \\ \times\ 48 \\ \hline \end{array}$$

19. $4\overline{)\$50.00}$

20. $\frac{432}{8}$

Answers	
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Use the information in this paragraph to answer questions **1** and **2**.

Samantha has 8 cats. Each cat eats a $\frac{1}{2}$ can of food each day. Cat food costs 63¢ per can.

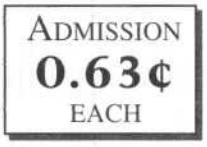
1. How many cans of cat food are used each day?

2. How much does Samantha spend on cat food per day?

3. If the perimeter of a square is 100 inches, how long is each side?

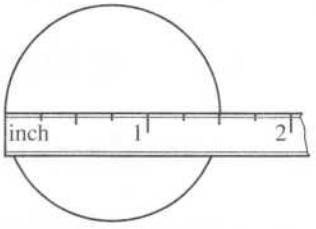
4. Math was the favorite class of five-eighths of the 40 students. Math was the favorite class of how many students? Illustrate the problem.

5. Something is wrong with this sign. Draw two different signs that show ways to correct this error.



6. **a.** What is the radius of this circle?

b. What is the diameter of this circle?

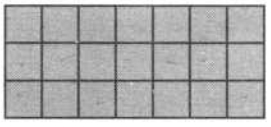


7. Use words to name 619.31.

8. Estimate the product of 41 and 288.

9. Change the improper fraction $\frac{6}{3}$ to a whole number.

10. What fraction name for 1 is shown by the shaded part of this rectangle?



11. Justin went to the fair. He paid $4.75 for his ticket and $3.90 for lunch. Later he bought a soft drink for 55¢. How much money did he spend?

12. Martin bought two toy trucks for $8.60 each. He paid the clerk with a twenty dollar bill. How much change did he get back?

13. The big truck could go only 140 miles in 4 hours. How far could the truck go in 1 hour? How far could the truck go in 10 hours at that speed?

14.
$$\begin{array}{r} 4.26 \\ 12.7 \\ +\ 8.2 \\ \hline \end{array}$$

15.
$$\begin{array}{r} \$\ 45.00 \\ -\ \$\ 19.63 \\ \hline \end{array}$$

16.
$$\begin{array}{r} \$4.57 \\ \times\ \ 9 \\ \hline \end{array}$$

17. 70×70

18. 89×73

19. $4\overline{)961}$

20.
$$\begin{array}{r} 551 \\ -\ N \\ \hline 274 \end{array}$$

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This table shows how much is charged to ship a package to different parts of the country. Use this information to answer questions **1** and **2**.

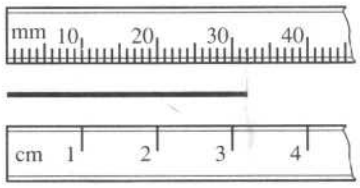
Weight	Shipping Charges		
	Zone 1	Zone 2	Zone 3
Up to 4 pounds	\$1.75	\$1.93	\$2.36
4 pounds 1 ounce to 7 pounds	\$1.91	\$2.15	\$2.68
7 pounds 1 ounce to 10 pounds	\$2.07	\$2.38	\$3.02
Over 10 pounds	\$2.48	\$2.71	\$3.38

1. How much does it cost to ship an 8-pound package to Zone 3?

2. How much more does it cost to ship a 12-pound package to Zone 3 than to Zone 1?

3. If two apples cost 42¢, how much will four apples cost?

4. Two-sevenths of the 70 polliwogs already had back legs. How many of the polliwogs had back legs?



5. **a.** Find the length in millimeters.
b. Find the length in centimeters.

6. The apple was cut into six equal slices. The sliced apple shows what fraction name for 1?

7. Use words to name 2,463.2.

8. Round 6891 to the nearest thousand.

9. Change these improper fractions to whole numbers or mixed numbers.

a. $\frac{15}{2}$ **b.** $\frac{8}{3}$ **c.** $\frac{17}{4}$

10. Jeff and Jena found that 16 marbles would fill each pouch. There were 8 pouches. How many marbles did they need to fill all the pouches?

11. Brandon bought 6 golf balls for 12 dollars. How much would 24 golf balls cost?

12. \$20.00 − \$9.85 **13.** 6.68 + 14.3 + 9.2

14. 12.7 − 3.46 **15.** $\frac{2}{5} + \frac{1}{5}$ **16.** 29 × 80

17. \$43.60 ÷ 10 **18.** $\frac{474}{6}$ **19.** $60\overline{)189}$

20. 25 + 4 + 13 + N + 32 + 5 + 47 + 8 + 6 + 13 = 164

Answers	
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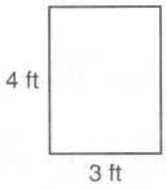
Test 25, Form A (Lesson 125) **SHOW YOUR WORK** **Name:** _____

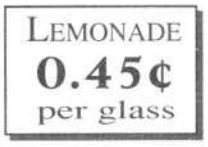
1. Tickets for the zoo cost \$5.15 for adults and \$1.30 for children. Gary bought tickets for two adults and three children. Altogether, how much did the tickets cost?

2. Find the area of the rectangle.



3. Eight quarters is the same as how many nickels?

4. Something is wrong with this sign. Draw two different signs to show ways to correct the error.



5. What fraction of the letters in AARDVARK are not A's?

6. What fraction name for 1 has a denominator of 6?

7. Use words to name 1,237.7.

8. Draw a picture to show that $\frac{1}{4}$ and $\frac{2}{8}$ are equivalent fractions.

9. The champion bike rider could ride 56 miles in 2 hours. At the same speed, how far could he ride in 6 hours?

10. The bikers bought 10 caps for \$3.30 each and 7 straps for \$0.80 each. They paid for the items with a \$50 bill. How much change did they receive?

11. Forty-nine people stood in line. Six of them could ride in each car. There were only 5 cars. How many people did not get a ride?

12. $26.31 + 6.83 + 12.9$

13. $134.55 - 23.9$

14. $\frac{1}{7} + \frac{1}{7}$

15. $\frac{8}{9} - \frac{6}{9}$

16. 58×34

17. $\$48.36 \div 4$

18. $\frac{672}{8}$

19. $40\overline{)641}$

20. $N + 85 + 21 + 37 + 46 + 13 + 20 = 261$

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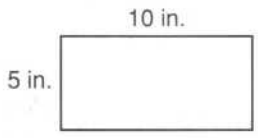
1. If Thorton can do one problem in 5 seconds, how many <u>minutes</u> will it take him to do 60 problems?

2. **a.** What is the area of this rectangle?
b. What is the perimeter of this rectangle?



3. Gilbert earned \$48. He saved $\frac{5}{6}$ of what he earned. How much money did he save?

4. After spending \$3.50 on a ticket and \$1.55 on popcorn, Jill still had 95¢. How much money did she start with?

5. Round 5065 to the nearest thousand.

6. Use words to name 13,916.2.

7. Write the reduced form of each fraction.

a. $\frac{3}{12}$ **b.** $\frac{2}{10}$ **c.** $\frac{7}{21}$

8. Draw a picture to show that $\frac{6}{8}$ and $\frac{3}{4}$ are equivalent fractions.

9. The first weight was twice the second weight. The second weight was 12 pounds. What was the sum of the two weights?

10. Nine thousand, nineteen is how much less than nineteen thousand, ninety?

11. Roger ran 35 laps every week. How many laps would he run in 7 weeks?

12. $36.4 + (9.75 - 8.3)$

13. $3\frac{2}{7} + 1\frac{1}{7}$

14.
$$\begin{array}{r} 4 \\ 19 \\ 13 \\ 2 \\ N \\ 1 \\ 16 \\ 4 \\ +\ 2 \\ \hline 78 \end{array}$$

15. $5 + 1\frac{1}{3}$

16. $5\frac{5}{9} - 3\frac{1}{9}$

17.
$$\begin{array}{r} 478 \\ \times\ 52 \\ \hline \end{array}$$

18. \$2.91 ÷ 3

19. $\frac{6876}{9}$

20. $60\overline{)5700}$

Answers	
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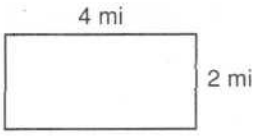
Test 27, Form A (Lesson 135) **SHOW YOUR WORK** **Name:** _____

1. Tim caught 24 polliwogs. If he let one-sixth of them go, how many did he keep? Illustrate the problem.

2. Rectangular Park was 4 miles long and 2 miles wide. Gordon ran around the park twice. How many miles did he run?



3. If two oranges cost 56¢, how much would 8 oranges cost?

4. Twelve thousand, seven hundred leaves fell on Monday. Twenty-seven thousand fell on Tuesday. How many more leaves fell on Tuesday than on Monday?

5. **a.** Write XXVII in our number system.
b. Write 39 in Roman numerals.

6. Complete each equivalent fraction.

a. $\frac{1}{3} = \frac{?}{12}$ **b.** $\frac{1}{4} = \frac{?}{12}$

7. Write the reduced form of each fraction.

a. $\frac{8}{16}$ **b.** $\frac{10}{15}$

8. Randy paid 54¢ for 6 clips and 72¢ for 8 erasers. What would be the total cost for 5 clips and 6 erasers?

9. Ricky's father drove 40 miles per hour for 3 hours and 50 miles per hour for 5 hours. How far did he drive in all?

10. Rename $\frac{1}{5}$ and $\frac{2}{3}$ so that they have a common denominator of 15.

11. $46.12 - (2.51 + 31.2)$ **12.** $4\frac{3}{5} - 1\frac{1}{5}$

13.
$$\begin{array}{r} 4 \\ 1 \\ 2 \\ 3 \\ N \\ 5 \\ 5 \\ 17 \\ 7 \\ +\ 2 \\ \hline 68 \end{array}$$

14. $12\frac{4}{7} + 3\frac{3}{7}$ **15.** 80×360

16. 23×209 **17.** $\frac{4560}{5}$

18. $8\overline{)5784}$ **19.** $\begin{array}{r} 53{,}145 \\ -\ 6{,}497 \\ \hline \end{array}$

20. $50.00 \div 8$

Answers	
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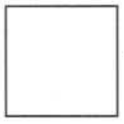
Test 28, Form A (Lesson 140) **SHOW YOUR WORK** **Name:** _____

1. The Brodskys drank 16 gallons of milk each week. How many quarts of milk did they drink each week?

2. Sixty fleas leaped on Riley as he ran through the field. If one-fifth of them perished from flea powder, how many survived? Illustrate the problem.

3. **a.** What is the area of this square?
   b. What is the perimeter of this square?



4. Mark is 7 inches taller than Jim. Jim is 5 inches taller than Jan. Mark is 50 inches tall. How many inches tall is Jan?

5. Six students were in the first line. Three times that number were in the second line. The third line held 6 times the number of students that were in the first line. How many students were there in all 3 lines?

6. The city of Norman is on the road from Edmond to Ardmore. It is 24 miles from Edmond to Norman. It is 51 miles from Norman to Ardmore. How far is it from Edmond to Ardmore?

7. How much greater is eight hundred forty-nine thousand, five hundred than three hundred fourteen thousand, six hundred?

8. **a.** Write XXIX in our number system.
   b. Write 34 in Roman numerals.

9. Write the reduced form of each fraction.

   a. $\frac{10}{16}$ **b.** $\frac{15}{25}$

10. Use digits to write one hundred thirteen million, two hundred sixty-seven thousand, nine hundred forty-three.

11. $6.8 - (1.87 \div 2.4)$

12. $3\frac{2}{4} + 1\frac{3}{4}$

13. $\frac{1}{12} + \frac{3}{4}$

14. $5\frac{9}{10} - 1\frac{7}{10}$

15. $\begin{array}{r} 7 \\ 6 \\ 8 \\ 6 \\ 9 \\ N \\ 8 \\ 8 \\ 7 \\ +\,4 \\ \hline 94 \end{array}$

16. $\frac{7}{8} - \frac{3}{4}$

17. 28×213

18. 80×600

19. $\frac{5756}{4}$

20. $\$80.01 \div 9$

Answers	
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Test A—100 Addition Facts

Name:_____ Time:_____

4 + 4	7 + 5	0 + 1	8 + 7	3 + 4	3 + 2	8 + 3	2 + 1	5 + 6	2 + 9
0 + 9	8 + 9	7 + 6	1 + 3	6 + 8	7 + 3	1 + 6	4 + 7	0 + 3	6 + 4
9 + 3	2 + 6	3 + 0	6 + 1	3 + 6	4 + 0	5 + 7	1 + 1	5 + 4	2 + 8
4 + 3	9 + 9	0 + 7	9 + 4	7 + 7	8 + 6	0 + 4	5 + 8	7 + 4	1 + 7
9 + 5	1 + 5	9 + 0	3 + 8	1 + 9	9 + 1	8 + 8	2 + 2	4 + 5	6 + 2
7 + 9	1 + 2	6 + 7	0 + 8	9 + 2	4 + 8	8 + 0	3 + 9	1 + 0	6 + 3
2 + 0	8 + 4	3 + 5	9 + 8	5 + 0	5 + 5	3 + 1	7 + 2	8 + 5	3 + 5
5 + 2	0 + 5	6 + 9	1 + 8	9 + 6	7 + 1	4 + 6	0 + 2	6 + 5	4 + 9
1 + 4	3 + 7	7 + 0	2 + 3	5 + 1	6 + 6	4 + 1	8 + 2	2 + 4	6 + 0
5 + 3	4 + 2	9 + 7	0 + 6	7 + 8	0 + 0	5 + 9	3 + 3	8 + 1	2 + 7

Test B—100 Subtraction Facts

Name:_____ Time:_____

7 − 0	10 − 8	6 − 3	14 − 5	3 − 1	16 − 9	7 − 1	18 − 9	11 − 3	13 − 7
13 − 8	7 − 4	10 − 7	0 − 0	12 − 8	10 − 9	6 − 2	13 − 4	4 − 0	10 − 5
5 − 3	7 − 5	2 − 1	6 − 6	8 − 4	7 − 2	14 − 7	8 − 1	11 − 6	3 − 3
1 − 1	11 − 9	10 − 4	9 − 2	14 − 6	17 − 8	6 − 0	10 − 6	4 − 1	9 − 5
7 − 7	14 − 8	12 − 9	9 − 8	12 − 7	12 − 3	16 − 8	9 − 1	15 − 6	11 − 4
8 − 6	15 − 9	11 − 8	3 − 2	4 − 4	8 − 2	11 − 5	5 − 0	17 − 9	6 − 1
5 − 5	4 − 3	8 − 7	7 − 3	7 − 6	5 − 1	10 − 3	12 − 6	10 − 1	6 − 4
2 − 2	13 − 6	15 − 8	2 − 0	13 − 9	16 − 7	5 − 2	12 − 4	3 − 0	11 − 7
8 − 0	9 − 4	10 − 2	6 − 5	8 − 3	9 − 0	5 − 4	12 − 5	4 − 2	9 − 3
9 − 9	15 − 7	8 − 8	14 − 9	9 − 7	13 − 5	1 − 0	8 − 5	9 − 6	11 − 2

Test C—Multiplication Facts: 0, 1, 2, 5 **Name:**_____ **Time:**_____

0 × 8	3 × 2	5 × 1	4 × 5	2 × 0	1 × 8	7 × 2	1 × 1
5 × 2	4 × 0	2 × 8	1 × 3	7 × 5	7 × 0	8 × 5	0 × 5
8 × 1	6 × 5	9 × 0	2 × 6	0 × 1	4 × 2	1 × 6	9 × 2
6 × 0	3 × 5	5 × 7	4 × 1	2 × 2	8 × 0	5 × 9	1 × 2
5 × 5	1 × 7	0 × 0	8 × 2	5 × 8	5 × 6	3 × 0	9 × 1
5 × 3	0 × 4	6 × 1	9 × 5	5 × 0	7 × 1	2 × 5	0 × 9
2 × 1	6 × 2	0 × 7	2 × 3	1 × 4	2 × 9	1 × 0	5 × 4
0 × 2	1 × 9	3 × 1	2 × 7	0 × 3	1 × 5	2 × 4	0 × 6

Test D—Multiplication Facts: 2, 5, Squares **Name:**_____ **Time:**_____

3×5	6×2	7×7	2×0	7×5	5×8	4×2
9×5	2×3	4×4	1×5	6×6	1×2	5×5
2×7	5×4	8×8	2×5	3×3	0×5	8×2
6×5	0×2	5×3	2×8	8×5	2×6	5×1
3×2	2×9	5×7	2×4	5×6	9×9	2×2
4×5	7×2	5×0	2×1	5×9	9×2	5×2

Test E—Multiplication Facts: 2, 5, 9, Squares **Name:**_____ **Time:**_____

9×9	2×6	3×5	2×2	8×2	7×9	2×3	5×6
4×5	0×9	9×8	5×2	6×9	7×5	9×3	0×5
6×6	5×9	5×8	9×7	2×0	8×8	7×2	5×5
4×2	1×9	3×3	2×8	4×9	3×2	8×9	5×7
2×1	2×9	7×7	9×6	5×0	4×4	9×1	2×5
1×5	9×5	2×7	5×4	9×2	5×3	0×2	8×5
3×9	2×4	6×5	1×2	9×0	6×2	9×4	1×5

Test F—Multiplication Facts: Memory Group **Name:**_____ **Time:**_____

8×3	7×4	7×8	3×4	6×7
8×7	3×7	4×6	8×4	6×3
7×6	4×3	8×6	3×8	4×7
6×4	4×8	3×6	6×8	7×3

Test F—Multiplication Facts: Memory Group **Name:**_____ **Time:**_____

8×3	7×4	7×8	3×4	6×7
8×7	3×7	4×6	8×4	6×3
7×6	4×3	8×6	3×8	4×7
6×4	4×8	3×6	6×8	7×3

Test G—64 Multiplication Facts **Name:**_____ **Time:**_____

4 × 6	8 × 8	5 × 7	6 × 3	5 × 6	4 × 3	9 × 8	7 × 5
2 × 6	5 × 9	3 × 3	9 × 2	9 × 4	2 × 5	7 × 6	4 × 8
5 × 2	7 × 8	2 × 3	6 × 8	3 × 7	8 × 5	6 × 2	5 × 5
3 × 4	7 × 3	5 × 8	4 × 2	6 × 4	2 × 8	4 × 4	8 × 2
2 × 2	7 × 4	3 × 8	8 × 6	2 × 9	8 × 4	9 × 3	6 × 9
6 × 7	4 × 5	7 × 2	9 × 6	7 × 9	5 × 4	3 × 2	9 × 7
4 × 7	9 × 5	3 × 6	8 × 7	3 × 5	2 × 4	7 × 7	8 × 9
8 × 3	2 × 7	6 × 5	4 × 9	3 × 9	6 × 6	9 × 9	5 × 3

Test H—100 Multiplication Facts **Name:**_____ **Time:**_____

9 × 1	2 × 2	5 × 1	4 × 3	0 × 0	9 × 9	3 × 5	8 × 5	2 × 6	4 × 7
5 × 6	7 × 5	3 × 0	8 × 8	1 × 3	3 × 4	5 × 9	0 × 2	7 × 3	4 × 1
2 × 3	8 × 6	0 × 5	6 × 1	3 × 8	1 × 1	9 × 0	2 × 8	6 × 4	0 × 7
7 × 7	1 × 4	6 × 2	4 × 5	2 × 4	4 × 9	7 × 0	1 × 2	8 × 4	6 × 5
3 × 2	4 × 6	1 × 9	5 × 7	8 × 2	0 × 8	4 × 2	9 × 8	3 × 6	5 × 5
8 × 9	3 × 7	9 × 7	1 × 7	6 × 0	0 × 3	7 × 2	1 × 5	7 × 8	4 × 0
8 × 3	5 × 2	0 × 4	9 × 5	6 × 7	2 × 7	6 × 3	5 × 4	1 × 0	9 × 2
7 × 6	1 × 8	9 × 6	4 × 4	5 × 3	8 × 1	3 × 3	4 × 8	9 × 3	2 × 0
8 × 0	3 × 1	6 × 8	0 × 9	8 × 7	2 × 9	9 × 4	0 × 1	7 × 4	5 × 8
0 × 6	7 × 1	2 × 5	6 × 9	3 × 9	1 × 6	5 × 0	6 × 6	2 × 1	7 × 9

Test I—90 Division Facts **Name:**_____ **Time:**_____

$2\overline{)18}$	$6\overline{)6}$	$3\overline{)15}$	$3\overline{)27}$	$2\overline{)14}$	$5\overline{)25}$	$6\overline{)48}$	$7\overline{)21}$	$2\overline{)10}$	$6\overline{)42}$
$4\overline{)20}$	$9\overline{)63}$	$1\overline{)4}$	$4\overline{)8}$	$7\overline{)0}$	$8\overline{)16}$	$3\overline{)24}$	$4\overline{)32}$	$8\overline{)56}$	$1\overline{)0}$
$5\overline{)5}$	$8\overline{)64}$	$3\overline{)0}$	$2\overline{)2}$	$5\overline{)40}$	$3\overline{)9}$	$9\overline{)18}$	$6\overline{)0}$	$5\overline{)10}$	$9\overline{)9}$
$8\overline{)32}$	$1\overline{)1}$	$9\overline{)36}$	$8\overline{)40}$	$2\overline{)0}$	$5\overline{)20}$	$9\overline{)27}$	$6\overline{)18}$	$4\overline{)0}$	$5\overline{)30}$
$2\overline{)12}$	$5\overline{)45}$	$1\overline{)7}$	$7\overline{)14}$	$3\overline{)3}$	$8\overline{)24}$	$5\overline{)0}$	$2\overline{)8}$	$7\overline{)42}$	$6\overline{)36}$
$7\overline{)56}$	$9\overline{)0}$	$8\overline{)72}$	$4\overline{)28}$	$7\overline{)49}$	$2\overline{)4}$	$9\overline{)81}$	$1\overline{)2}$	$5\overline{)35}$	$3\overline{)21}$
$8\overline{)0}$	$7\overline{)28}$	$4\overline{)36}$	$1\overline{)3}$	$4\overline{)24}$	$3\overline{)6}$	$9\overline{)54}$	$1\overline{)8}$	$4\overline{)4}$	$7\overline{)35}$
$9\overline{)45}$	$1\overline{)9}$	$6\overline{)54}$	$6\overline{)12}$	$3\overline{)18}$	$9\overline{)72}$	$5\overline{)15}$	$6\overline{)24}$	$8\overline{)8}$	$2\overline{)16}$
$1\overline{)6}$	$4\overline{)12}$	$7\overline{)7}$	$2\overline{)6}$	$7\overline{)63}$	$4\overline{)16}$	$8\overline{)48}$	$3\overline{)12}$	$6\overline{)30}$	$1\overline{)5}$

Test J—90 Division Facts **Name:**_____ **Time:**_____

56 ÷ 7 =	15 ÷ 3 =	12 ÷ 6 =	8 ÷ 2 =	63 ÷ 7 =	0 ÷ 4 =
14 ÷ 2 =	42 ÷ 6 =	6 ÷ 1 =	16 ÷ 8 =	20 ÷ 5 =	49 ÷ 7 =
36 ÷ 4 =	64 ÷ 8 =	0 ÷ 3 =	54 ÷ 9 =	4 ÷ 2 =	48 ÷ 8 =
18 ÷ 9 =	3 ÷ 1 =	35 ÷ 5 =	8 ÷ 4 =	72 ÷ 8 =	6 ÷ 6 =
0 ÷ 5 =	42 ÷ 7 =	2 ÷ 2 =	36 ÷ 9 =	7 ÷ 1 =	12 ÷ 3 =
16 ÷ 2 =	30 ÷ 5 =	0 ÷ 1 =	28 ÷ 7 =	4 ÷ 4 =	40 ÷ 8 =
3 ÷ 3 =	18 ÷ 6 =	63 ÷ 9 =	40 ÷ 5 =	10 ÷ 2 =	36 ÷ 6 =
32 ÷ 8 =	12 ÷ 4 =	18 ÷ 3 =	35 ÷ 7 =	8 ÷ 8 =	2 ÷ 1 =
45 ÷ 5 =	7 ÷ 7 =	27 ÷ 9 =	9 ÷ 1 =	48 ÷ 6 =	0 ÷ 7 =
4 ÷ 1 =	0 ÷ 9 =	24 ÷ 3 =	32 ÷ 4 =	5 ÷ 5 =	72 ÷ 9 =
20 ÷ 4 =	21 ÷ 7 =	0 ÷ 2 =	27 ÷ 3 =	8 ÷ 1 =	54 ÷ 6 =
15 ÷ 5 =	6 ÷ 3 =	28 ÷ 4 =	18 ÷ 2 =	24 ÷ 6 =	9 ÷ 9 =
56 ÷ 8 =	0 ÷ 6 =	21 ÷ 3 =	1 ÷ 1 =	25 ÷ 5 =	12 ÷ 2 =
5 ÷ 1 =	45 ÷ 9 =	16 ÷ 4 =	30 ÷ 6 =	9 ÷ 3 =	14 ÷ 7 =
0 ÷ 8 =	6 ÷ 2 =	24 ÷ 8 =	10 ÷ 5 =	81 ÷ 9 =	24 ÷ 4 =