

Summer Math Packet

Second Entering Third Grade

1. Please complete the following packet over the summer to review your 2nd grade math skills.
2. Also, practice your math facts to 20 over the summer. You may use flashcards or one of the following websites to assist with this task.

- ❖ www.sofschools.com
- ❖ www.xtramath.com
- ❖ www.mathfactcafe.com



3. In addition, feel free to visit the following websites for ideas to practice your math in real world , fun ways over the summer!

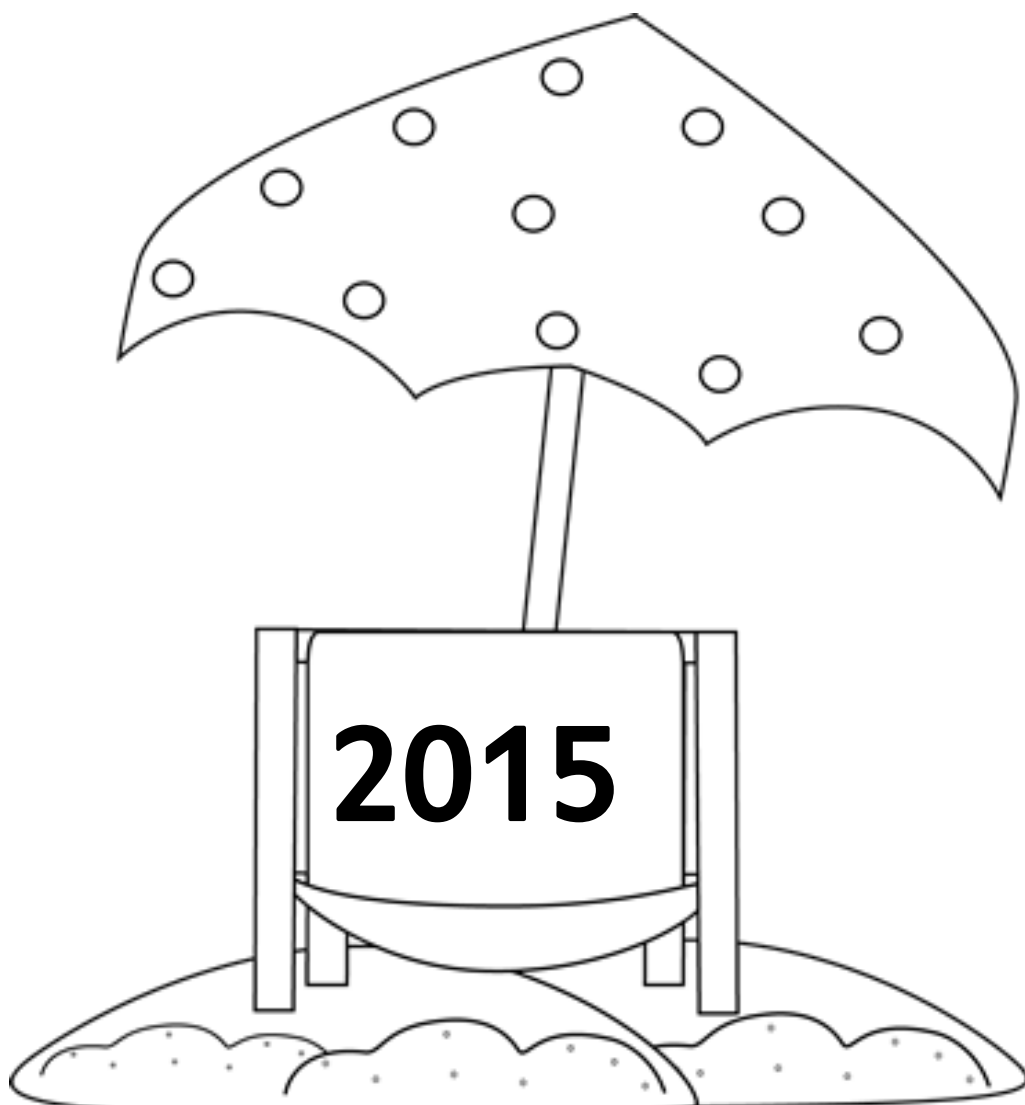
- ❖ www.scholastic.com
- ❖ www.greatschools.org
- ❖ www.pinterest.com



Happy Summer! ☺

Second Grade Math Packet

Name: _____



Summer Sums

Find the Sum.

$$\begin{array}{r} 13 \\ + 17 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ + 47 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ + 20 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ + 3 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ + 27 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ + 12 \\ \hline \end{array}$$

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

$$\begin{array}{r} 30 \\ + 15 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ + 22 \\ \hline \end{array}$$

$$\begin{array}{r} 66 \\ + 55 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ + 20 \\ \hline \end{array}$$

$$\begin{array}{r} 145 \\ + 18 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ + 3 \\ \hline \end{array}$$

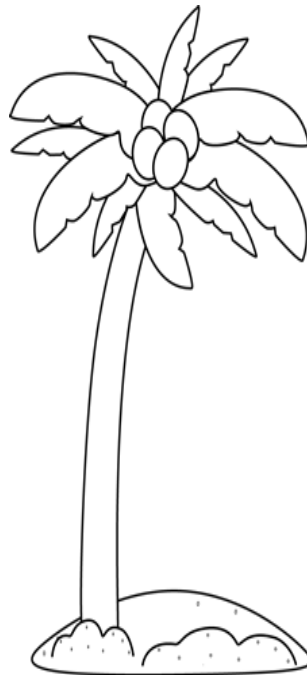
$$\begin{array}{r} 10 \\ + 50 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ + 7 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ + 6 \\ \hline \end{array}$$



Digging for Differences.

Find the difference.

$$\begin{array}{r} 43 \\ - 13 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ - 47 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ - 27 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ - 11 \\ \hline \end{array}$$

$$\begin{array}{r} 88 \\ - 27 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ - 15 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ - 8 \\ \hline \end{array}$$

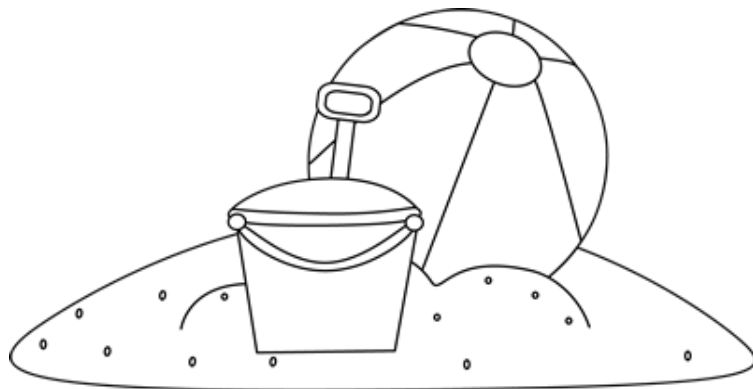
$$\begin{array}{r} 12 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ - 15 \\ \hline \end{array}$$

$$\begin{array}{r} 98 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ - 25 \\ \hline \end{array}$$



$$\begin{array}{r} 93 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ - 50 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 85 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ - 6 \\ \hline \end{array}$$

Heat wave of Hundreds.

Add or subtract.

$$\begin{array}{r} 123 \\ + 345 \\ \hline \end{array}$$

$$\begin{array}{r} 613 \\ + 246 \\ \hline \end{array}$$

$$\begin{array}{r} 124 \\ + 195 \\ \hline \end{array}$$

$$\begin{array}{r} 300 \\ + 500 \\ \hline \end{array}$$

$$\begin{array}{r} 728 \\ - 215 \\ \hline \end{array}$$

$$\begin{array}{r} 684 \\ - 305 \\ \hline \end{array}$$

$$\begin{array}{r} 553 \\ - 445 \\ \hline \end{array}$$

$$\begin{array}{r} 323 \\ - 125 \\ \hline \end{array}$$

$$\begin{array}{r} 200 \\ + 200 \\ \hline \end{array}$$



$$\begin{array}{r} 328 \\ + 644 \\ \hline \end{array}$$

$$\begin{array}{r} 892 \\ - 347 \\ \hline \end{array}$$

$$\begin{array}{r} 805 \\ - 342 \\ \hline \end{array}$$

$$\begin{array}{r} 242 \\ + 361 \\ \hline \end{array}$$

$$\begin{array}{r} 450 \\ + 275 \\ \hline \end{array}$$

$$\begin{array}{r} 103 \\ + 202 \\ \hline \end{array}$$

$$\begin{array}{r} 437 \\ + 243 \\ \hline \end{array}$$

Mermaid Multiplication

Solve the Multiplication Facts

$3 \times 2 =$

$0 \times 2 =$

$3 \times 5 =$

$6 \times 1 =$

$1 \times 8 =$

$3 \times 3 =$

$4 \times 4 =$

$5 \times 4 =$

$6 \times 2 =$

$2 \times 5 =$

$8 \times 3 =$

$1 \times 4 =$

$0 \times 1 =$

$0 \times 0 =$

$3 \times 4 =$

$2 \times 7 =$

$1 \times 1 =$

$7 \times 1 =$



Complete: Solve using the table below.

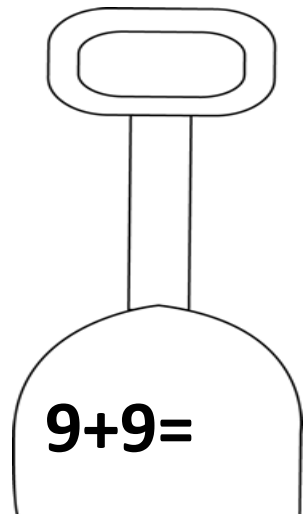
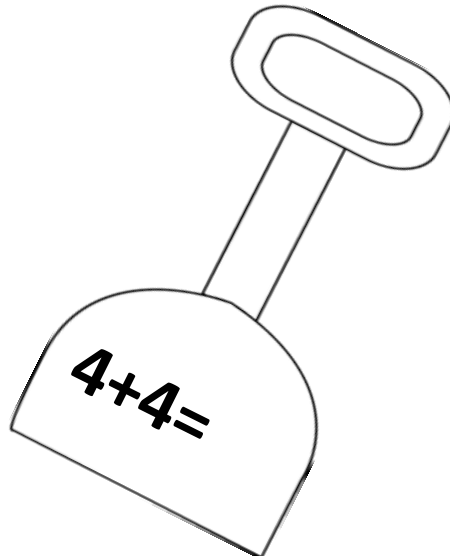
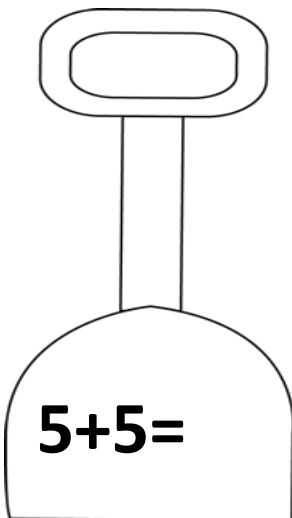
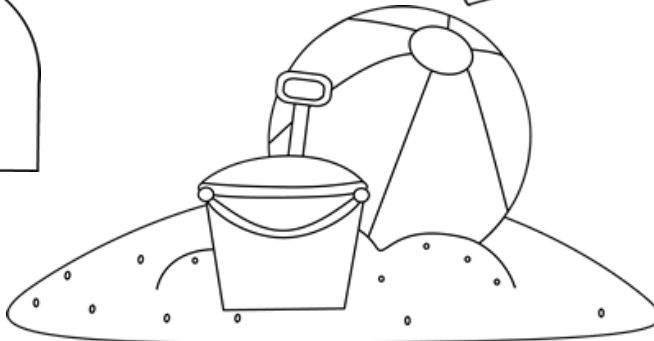
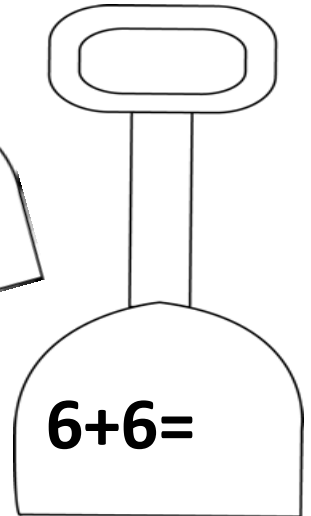
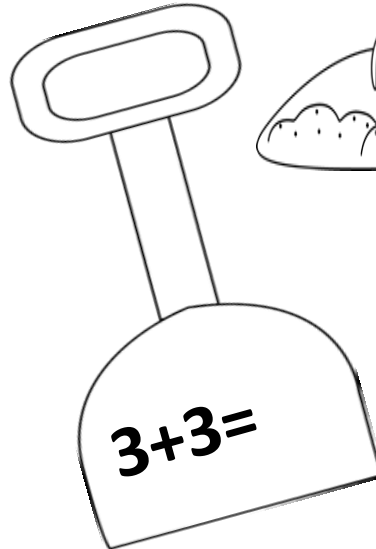
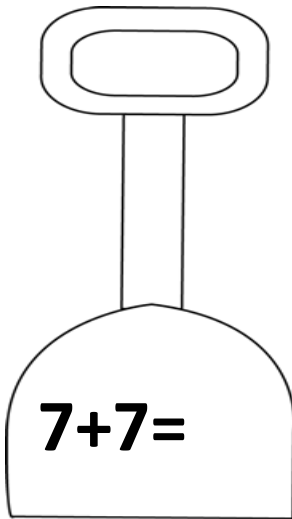
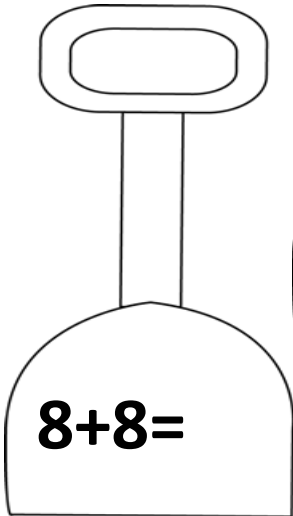
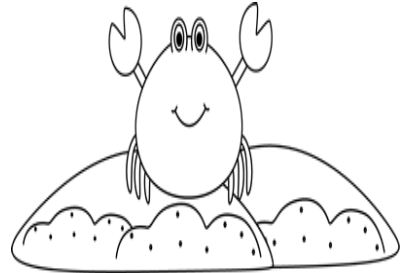
Mary had 7 boxes. She put 3 shells in each box.

How many shells were there in all?

1						
3						

Digging for Doubles

Solve the double facts.



Cool Currency

Matching. Identify the coins with their amount by drawing a line.



penny



nickel



dollar



quarter



dime



half-dollar

More Cool Currency

Write the total amount on the line.

Don't forget to use the \$ sign! 😊

1.     _____

2.    _____

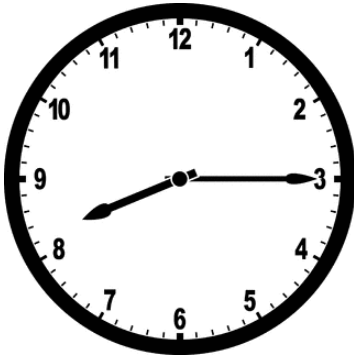
3.     _____

4.    _____

5.     _____

Tiki Time

Find the time to the minute.



:



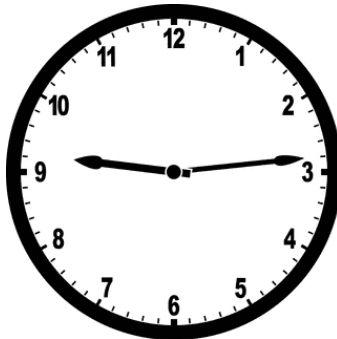
:



:



:



:



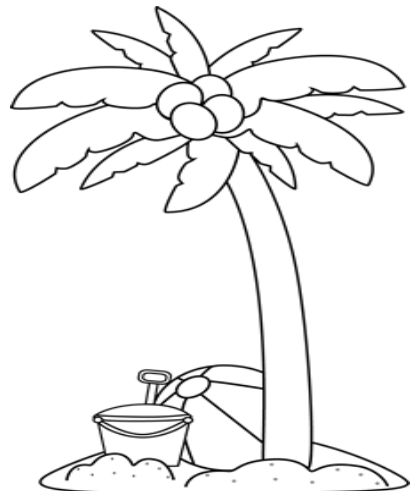
:



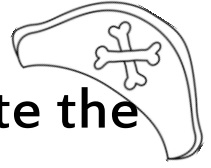
:



:



Pirate Patterns

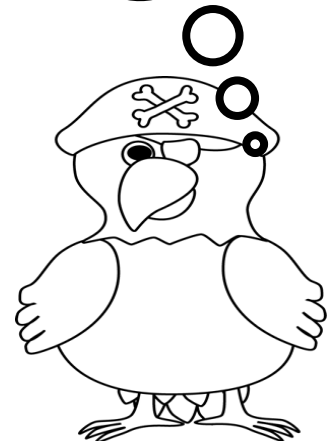
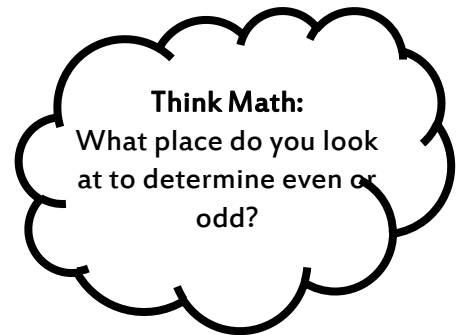


Find the missing numbers to complete the patterns and circle the skip counting pattern. .

1.	20		40	50			2s	5s	10s
2.	4	6				14	2s	5s	10s
3.	80		60				2s	5s	10s
4.		40		50			2s	5s	10s
5.		18	20				2s	5s	10s

Circle if the number is even or odd.

45	even	odd
321	even	odd
88	even	odd
93	even	odd
100	even	odd
12	even	odd
444	even	odd



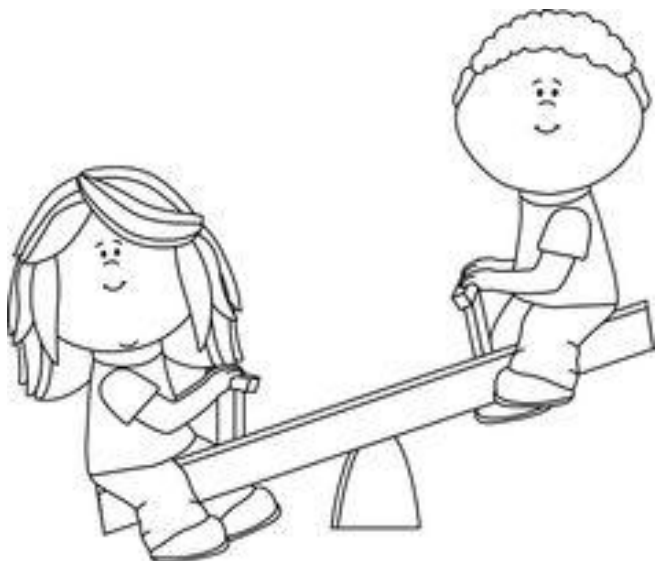
Playful Place Value

Write the value of the underlined digit.
The first one has been done for you.

3 <u>2</u> 3	200
<u>4</u> 5	
10 <u>6</u>	
1,3 <u>2</u> 0	
<u>2</u> ,476	
<u>3</u> 00	
5 <u>1</u>	
<u>4</u> 50	

<u>1</u> 23	
4 <u>5</u>	
4 <u>4</u> 4	
3 <u>2</u> 0	
1, <u>5</u> 00	
<u>5</u>	
<u>7</u> 2	
68 <u>5</u>	

Problem Solving:
I have 3 ones, 6
hundreds and 7 tens.
What numbers am I?



Fishy Fact Families

Complete the numbers sentences to the fish fact family below.

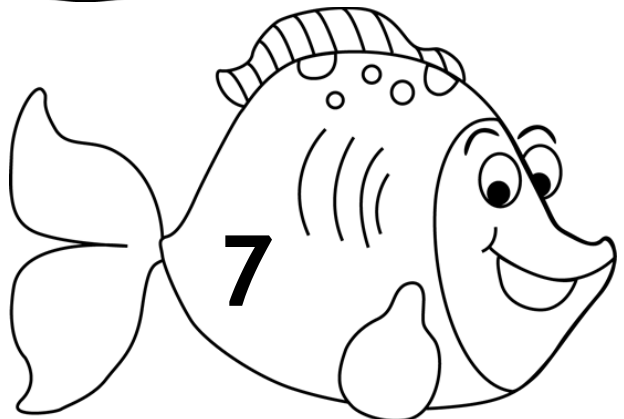
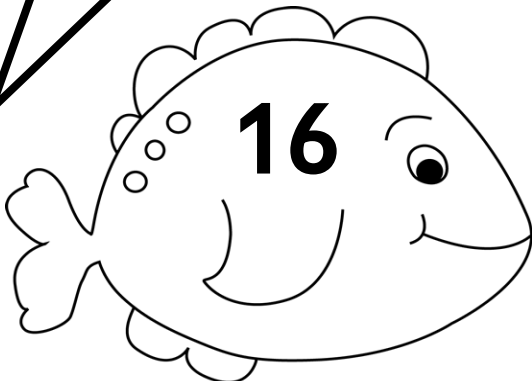
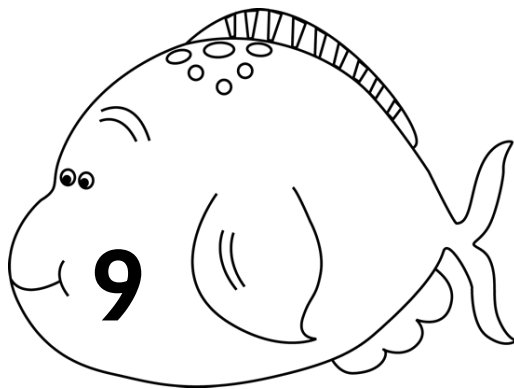
$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

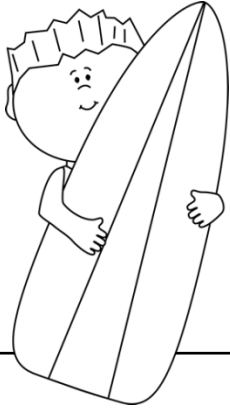
$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

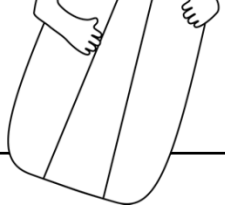

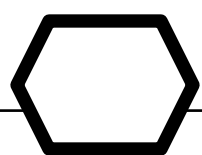
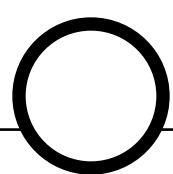

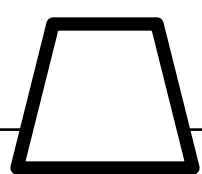
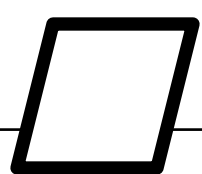
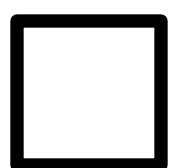
Talk Math:
How many facts are in
a doubles fact family?
Why?





Surfin' Shapes




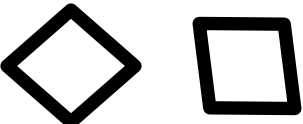
Identify the Shape

	Shape Name	Number of Sides	Number of Vertices
			
			
			
			
			
			
			
			

More Surfin' Shapes




Identify the Figure Characteristics

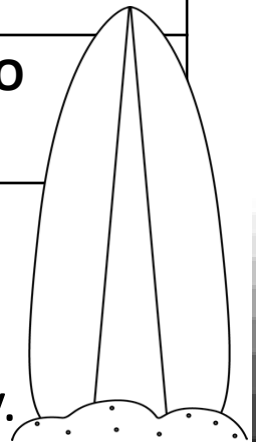
Congruency – Congruent means *same size and same shape*. Are the following pairs congruent? Circle YES or NO.

	YES	NO
	YES	NO
	YES	NO
	YES	NO

Line of Symmetry – A line of symmetry *divides a shape into two equal parts*.

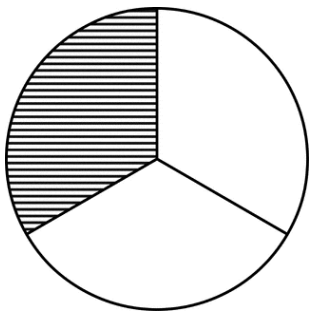
Tell if each shape has a line of symmetry.

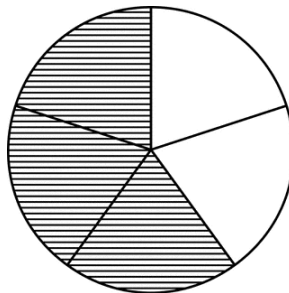
	YES	NO
	YES	NO
	YES	NO

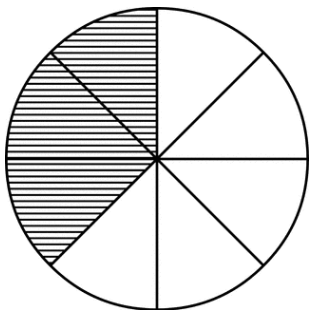


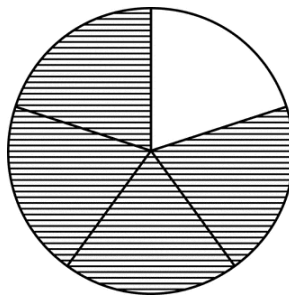
Fun in the Sun Fractions

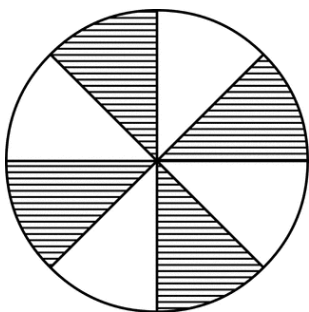
Find the time to the minute.

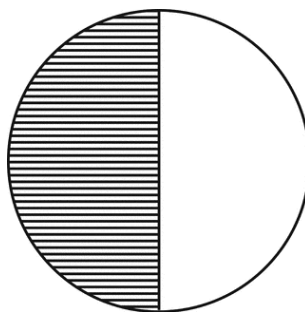


$$\frac{\square}{\square}$$


$$\frac{\square}{\square}$$


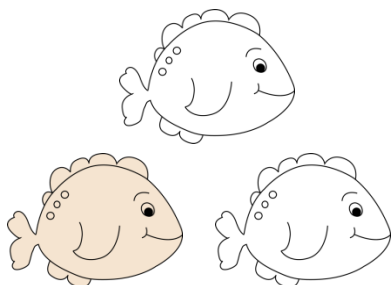
$$\frac{\square}{\square}$$


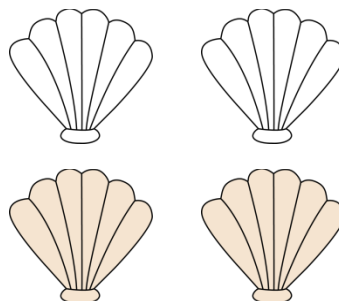
$$\frac{\square}{\square}$$


$$\frac{\square}{\square}$$


$$\frac{\square}{\square}$$

Write the fraction for the shaded set.



$$\frac{\square}{\square}$$


$$\frac{\square}{\square}$$

Tidal Time

Write the time another way.



is quarter after _____



is half past _____



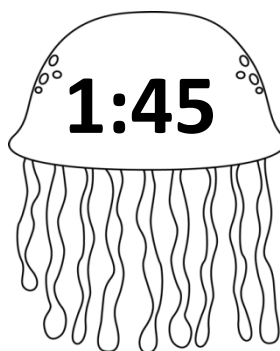
is quarter to _____



is quarter after _____



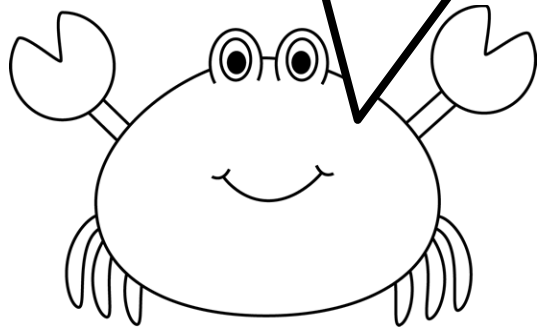
is half past _____



is quarter to _____

Crabby Comparisons

Compare: Use $>$, $<$ or $=$.

9 ___ 11	85 ___ 10	32 ___ 23	5 ___ 10
27 ___ 34	3 ___ 33	61 ___ 16	5 ___ 2
30 ___ 10	87 ___ 32	<div>Talk Math: When ordering numbers, what place should you look at?</div> 	
22 ___ 22	77 ___ 40		
88 ___ 10	109 ___ 99		
321 ___ 123	20 ___ 200		

10+2 _____ 4+6	6+8 _____ 8+6
10-8 _____ 8-6	1+7 _____ 5+5
1+5 _____ 7-3	16-8 _____ 12+6

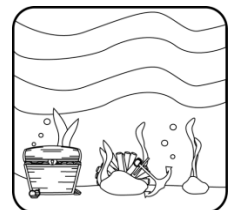
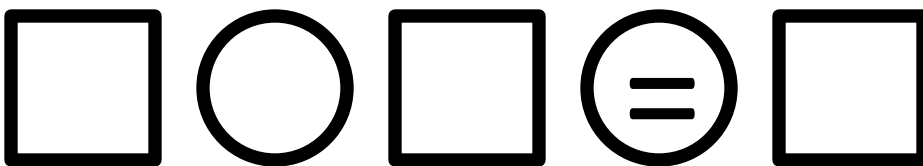
Turtle Tallys

Read and complete the questions.

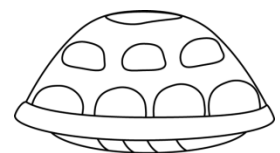
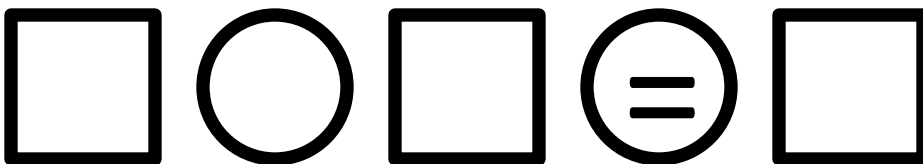
Summer Activities		
Swimming		4
Building Castles		7
Surfing		11
Playing Mini-Golf		1
Bicycle Riding		4

- Which summer activity is the favorite? _____
- How many students like building castles? _____
- Which two activities received the same amount of votes?

- How many more students like surfing than swimming?

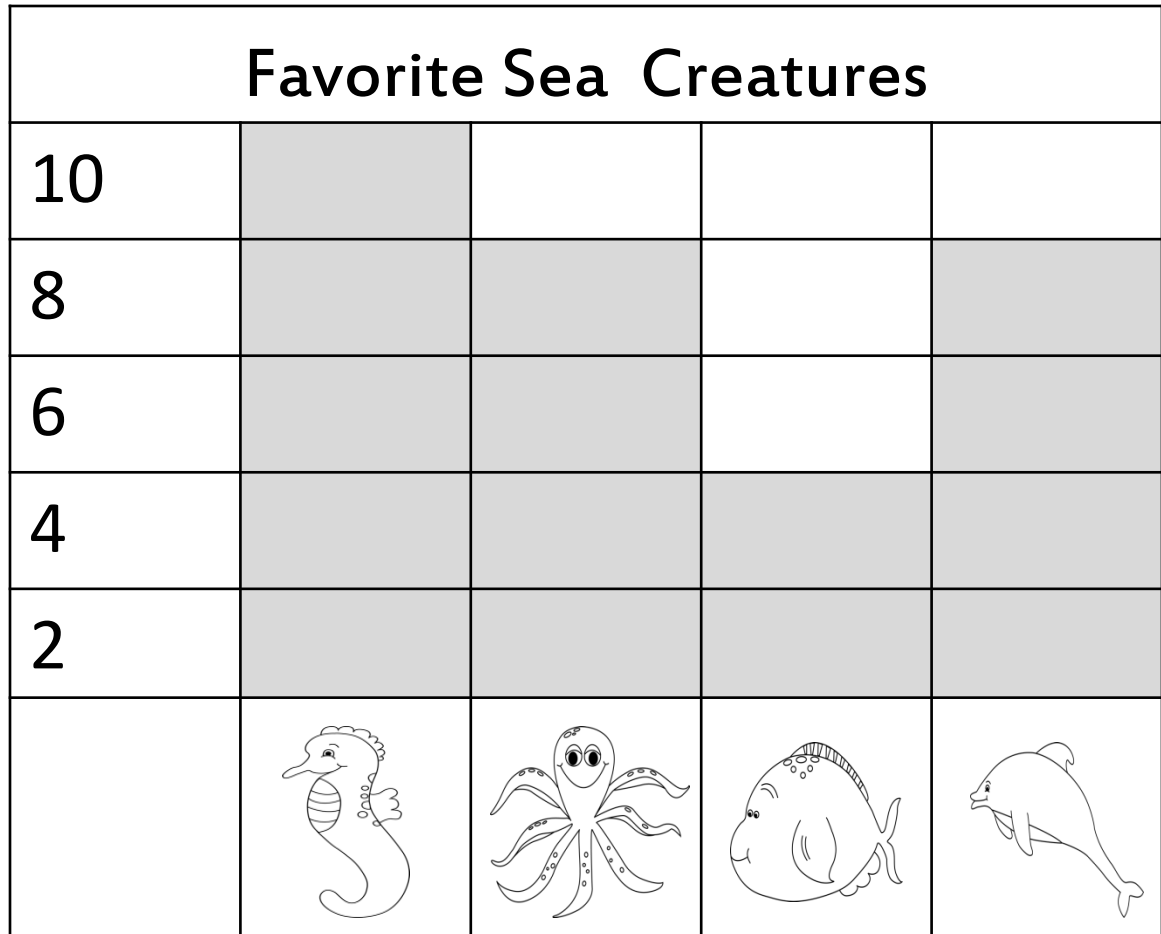


- How many students liked golfing and surfing?



Below Sea Level Bar graphs

Read the graph and answer the questions below.



- Which creature is the least favorite? _____
- What are we counting by on this graph? _____
- How many students like dolphins and fish? _____

$$\square \bigcirc \square = \square$$

Wavin' Word Problems

Use a solution sentence to solve.

1. Theresa collects 25 seashells and Craig collects 54 seashells. How many more seashells does Craig collect?

$$\square \bigcirc \square = \square$$

2. Maureen sees 41 hermit crabs. Claire sees 6 hermit crabs and Karen sees 1 dozen hermit crabs. How many crabs do they see in all?

$$\square \bigcirc \square \bigcirc \square = \square$$

3. Amy spends \$0.50 on ice cream. Maria spends \$0.35 cents on a bouncy ball and Gina spends \$0.07 on a shovel. How much money did they spend altogether?

$$\square \bigcirc \square \bigcirc \square = \square$$

4. Mickey and Maggie are making castles. They put 6 seashells on top of the 5 castles they made. How many seashells did they use in all?

$$\square \bigcirc \square = \square$$

More Wavin' Word Problems

Use a solution sentence to solve.

1. TJ sees 62 fish. Frankie sees 19 fish. How many fish do they see altogether?

$$\square \bigcirc \square = \square$$

2. Alexandra has a half dollar and Annabella has a quarter and a nickel. How much money do they have altogether?

$$\square \bigcirc \square \bigcirc \square = \square$$

3. Kevin has a pentagon. Ryan has an octagon. Frank has a trapezoid. If you add the sides of all their shapes, how many sides do they have in all?

$$\square \bigcirc \square \bigcirc \square = \square$$

4. Megan spends 1 hour at the beach. Clare spends 15 minutes there. How many more minutes was Megan at the beach?

$$\square \bigcirc \square = \square$$