Common Core Aligned

Second Grade Summer Math Packet

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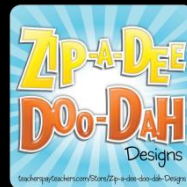
Your feedback is appreciated.

AND don't forget, you earn TPT credits for doing so!

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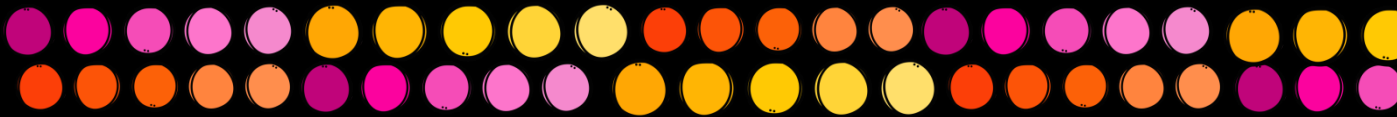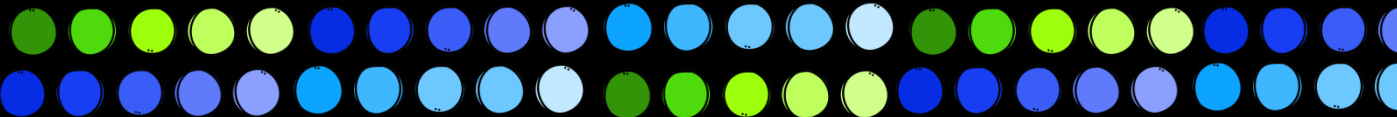-Katie

Credits

Second Grade Summer Math Packet

This packet is aligned with Second Grade Common Core Math Standards. This would be a great end of second grade review, or could even be used in third grade as a review of second grade material at the beginning of the year. This could also be used in summer school, or sent home over the summer as a second grade math review. The next page gives a brief run down of the standards covered.

2.OA.1 – Word Problems (2 pages)
2.OA.2 – Fact Fluency
2.OA.3 – Even and Odd (2 pages)
2.OA.4 – Arrays (2 pages)

2.NBT.1 – Understanding Place Value (Base Ten Blocks) (3 pages)
2.NBT.2 – Skip Counting
2.NBT.3 – Writing Numbers Many Ways
2.NBT.4 – Comparing Numbers (2 pages)
2.NBT.6 – Adding 4 2-digit Numbers
2.NBT.7 – Addition and Subtraction with Regrouping (2 pages)
2.NBT.8 – 100 More/Less; 10 More/Less (2 pages)
2.NBT.9 – Explain How Addition/Subtraction work (2 pages)

2.MD.3 – Estimating measurements
2.MD.4 – Measuring and Comparing 2 Objects (2 pages)
2.MD.6 – Number Lines (Missing Numbers)
2.MD.7 – Time (Nearest 5 minutes) (2 pages)
2.MD.8 – Money Word Problems
2.MD.10 – Graphs/Tables (2 pages)

2.G.1 – Identifying Shapes (2 pages)
2.G.2 – Partitioning Rectangles (2 pages)
2.G.3 – Fractions (2 pages)

Name_____

Solve each problem.

Andy found 37 seashells. His sister found 54. How many more seashells did his sister find?

There were 113 blue fish in the coral reef. There were 38 more orange fish than blue fish. How many fish were there all together?

There were 37 blue umbrellas, 28 green umbrellas, and 19 yellow umbrellas on the beach. How many umbrellas were there total?

On Monday Reese saw 39 sailboats. On Tuesday, she saw 53 sailboats. How many more sailboats did she see on Tuesday?

Name_____   2.OA.1

Solve each problem.

Tyson spent 4 days at the beach. If he spent 25 minutes looking for shells each day, how long did he spend looking for shells total?

There were 345 kids with orange swimsuits and 219 kids with blue. How many more kids had orange swimsuits?

There were 54 yellow starfish and 29 orange starfish. How many starfish were there all together?

On Thursday, Dalton found 49 sand dollars. On Friday he found 13 more than he found on Thursday. How many did he find on Friday?
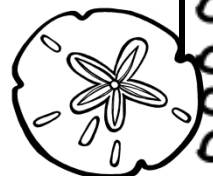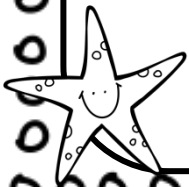
Name_____ 2.OA.2

Solve each problem.

1.) $17+3=$____   2.) $16-4=$____   3.) $12+6=$____

4.) $13-7=$____   5.) $9+9=$____   6.) $20-11=$____

7.) $9+8=$____   8.) $18-5=$____   9.) $10-5=$____

10.) $14-7=$____   11.) $17-7=$____   12.) $6+7=$____

13.) $3+9+$____   14.) $13-8=$____   15.) $20-10=$____

16.) $16-8=$____   17.) $4+4=$____   18.) $19-7=$____
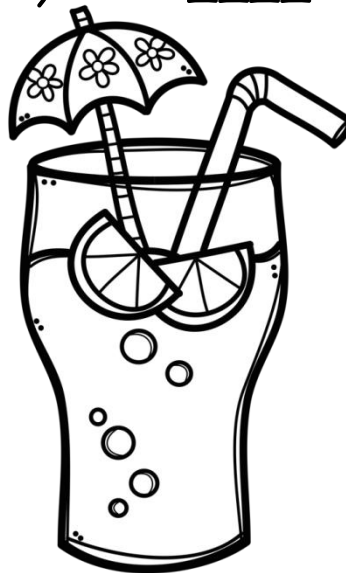
19.) $4+5=$____   20.) $14-7=$____

21.) $18-0=$____   22.) $9+10=$____

23.) $4+4=$____   24.) $17-9=$____

25.) $6+9=$____   26.) $4+7=$____

27.) $17-8=$____   28.) $11-4=$____   29.) $24-12=$____

30.) $4+5=$____   31.) $9+3=$____   32.) $11+11=$____

Name_____ 2.OA.3

Write if each number is even or odd.

1.) 59 _____   2.) 42 _____

3.) 103 _____   4.) 331 _____

5.) 209 _____   6.) 138 _____

Sometimes, drawing a picture helps us decide if a number is even or odd. If the number is even, the group can be divided into pairs. If the number is odd, there will be one left when the group is put into pairs.

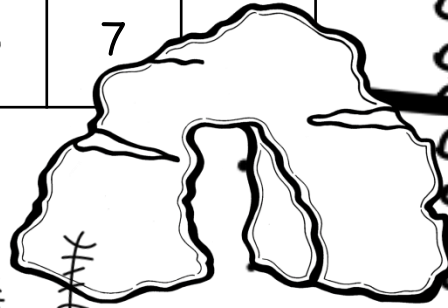Decide if the following numbers are even or odd by drawing a picture.

7.) 9 _____

8.) 12 _____
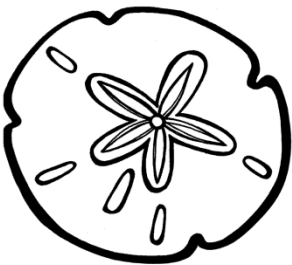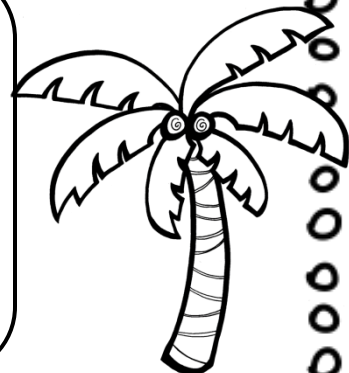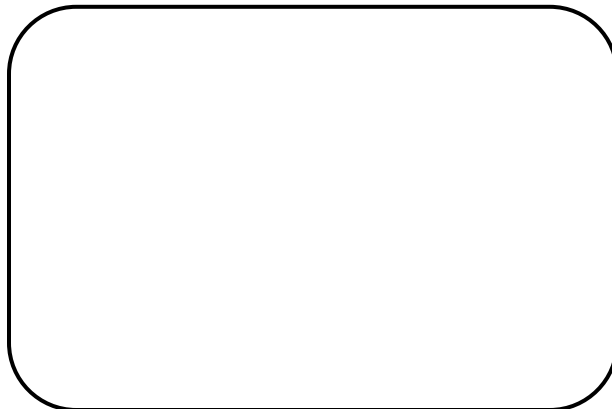
Name_____

Help the fish find his way home. The fish can only swim over numbers that are odd. Color his path blue.
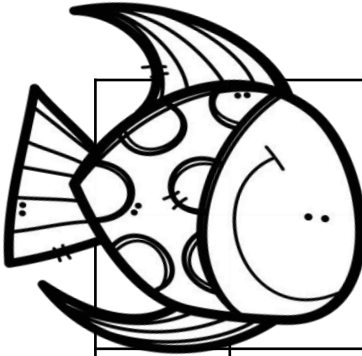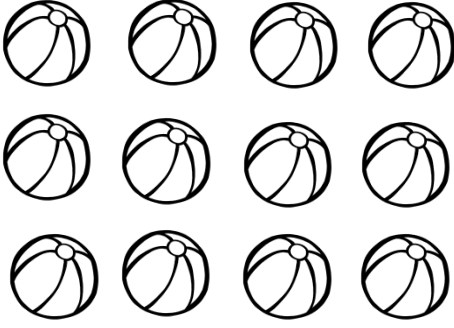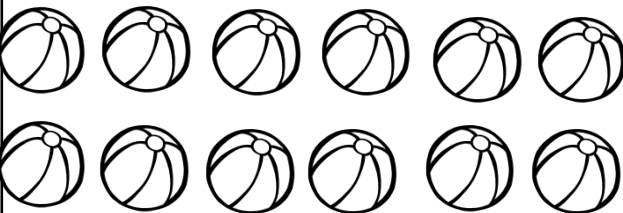
		19	21	12	913	715	903
		2	87	18	107	100	89
20	25	47	103	364	85	208	123
312	33	90	24	18	57	416	45
22	9	712	684	93	31	908	87
608	1	6	765	977	264	110	13
334	11	18	219	14	300	983	743
112	17	313	517	8	16	7	

Name_____   2.OA.4

Complete the table.
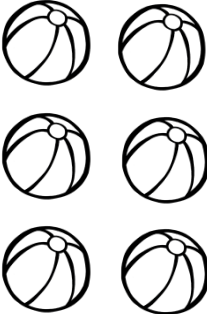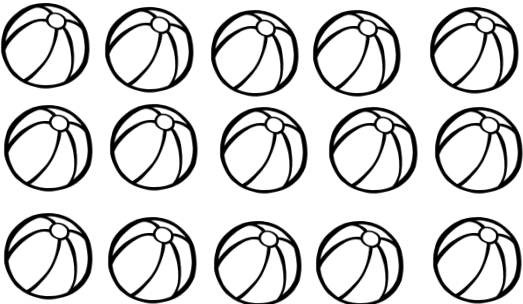
Picture	Number Sentence
(12 beach balls arranged in 3 rows of 4)	4+4+4=_____
	5+5+5+5=20
(12 beach balls arranged in 2 rows of 6)	
	3+3+3=_____

Name_____ 2.OA.4
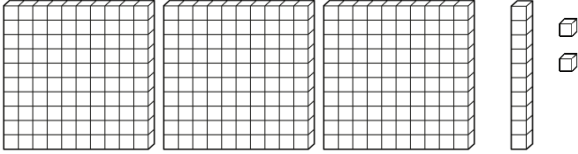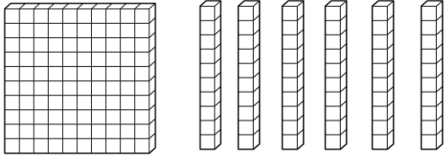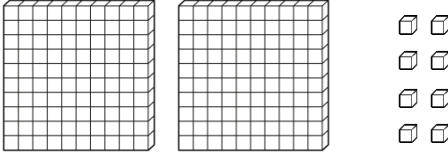
Complete the table.

Picture	Number Sentence
	2+2+2+2+2=___
	7+7+7=___

Name_____
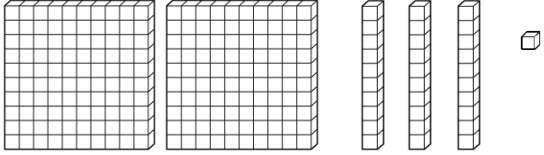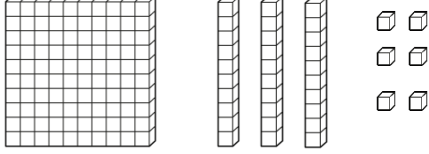
Complete the chart.

Number	Base Ten Blocks
312	
578	
629	

Name_____

Complete the chart.

Number	Base Ten Blocks
5 10	
362	
494	

Name_____   2.NBT.1

Answer the following questions.

1.) What number has 3 tens, 2 hundreds, and 7 ones?

_____

2.) What number has 3 hundreds, 8 tens, and 11 ones?

_____

3.) What number has 4 ones and 2 hundreds?

_____

4.) What number has 5 ones, 5 hundreds and 4 tens?

_____

5.) What number has 8 hundreds, 1 ten, and 6 ones?

_____

6.) What number has 3 tens, 2 hundreds, and 9 ones?

_____

7. What number has 12 tens and 3 ones?

_____

8.) What number has 7 hundreds, 3 ones, and 9 tens?

_____

9.) What number has 3 hundreds and 4 ones?

_____

Name_____

Skip count to complete the charts.

80	85			100	105	110		120	125
130					155			170	175

424	434	444	454			484	494	
524			564		584			

18	118	218				618	
	178	278			578		
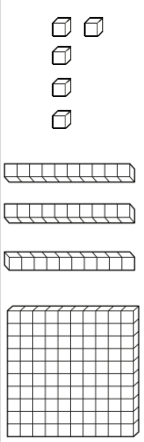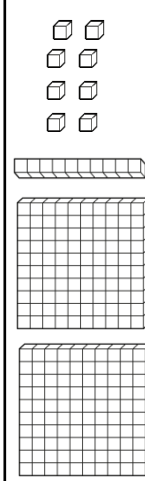
664	654			614		594	
564			524		504		
		444					384
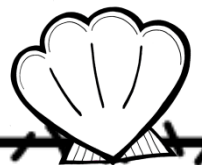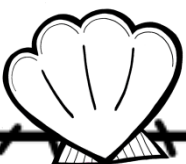
Name _____

Complete the chart.

Digit	Word Name	Expanded Form	Base Ten Blocks
135	One hundred thirty-five	100+30+5	
	One hundred twenty-three		
		300+40+5	
539			
	Seven hundred forty-two		
832			

Name_____ 2.NBT.4

Write <,>, or = in the blank to make the statement correct.

1.)
312____213

2.)
762____762

3.)
432_____324

4.)
123____23

5.)
343____443

6.)
875____578

7.)
657____657

8.)
912____921

9.)
764____746

10.)
638____863

11.)
983____983

12.)
389____398

13.)
328___823

14.)
346____346

Name_____ 2.NBT.4

Write <,>, or = in the circle to make the statement correct.

1. 217 ◯ 271

2. 312 ◯ 312

3. 654 ◯ 456

4. 489 ◯ 498

5. 851 ◯ 851

6. 438 ◯ 483

7. 567 ◯ 557

8. 100 ◯ 101

9. 903 ◯ 903

Name_____

Solve each problem.

1.)   279   2.) 362   3.)   16   4.)   126
    + 354   + 469   + 375   + 315

5.)   274   6.)   109   7.)   245   8.)   328
    + 18   + 171   + 371   + 475

9.)   85   10.) 563   11.) 753   12.)   132
    + 124   + 238   + 218   + 249

13.) 346   14.) 386   15.) 901
    + 15   + 105   + 59

16.)   45   17.) 207   18.)   35
    + 201   + 354   + 106

Name_____

Solve each problem.

1.) 543
    - 125

2.) 437
    - 169

3.) 416
    - 128

4.) 126
    - 87

5.) 264
    - 38

6.) 309
    - 121

7.) 467
    - 328

8.) 398
    - 175

9.) 384
    - 164

10.) 533
     - 218

11.) 758
     - 418

12.) 682
     - 249

13.) 376
     - 18

14.) 426
     - 205

15.) 301
     - 29

16.) 345
     - 61

17.) 400
     - 327

18.) 795
     - 286

Name_____   2.NBT.6

Solve each problem.

1.)
$$
\begin{array}{r}
19 \\
21 \\
29 \\
+\ 13 \\
\hline
\end{array}
$$

2.)
$$
\begin{array}{r}
17 \\
23 \\
26 \\
+\ 28 \\
\hline
\end{array}
$$

3.)
$$
\begin{array}{r}
23 \\
14 \\
13 \\
+24 \\
\hline
\end{array}
$$

4.)
$$
\begin{array}{r}
21 \\
13 \\
27 \\
+\ 14 \\
\hline
\end{array}
$$

5.)
$$
\begin{array}{r}
19 \\
21 \\
14 \\
+33 \\
\hline
\end{array}
$$

6.)
$$
\begin{array}{r}
23 \\
24 \\
17 \\
+\ 13 \\
\hline
\end{array}
$$

7.)
$$
\begin{array}{r}
16 \\
16 \\
23 \\
+\ 18 \\
\hline
\end{array}
$$

8.)
$$
\begin{array}{r}
25 \\
18 \\
15 \\
+\ 13 \\
\hline
\end{array}
$$

9.)
$$
\begin{array}{r}
23 \\
28 \\
13 \\
+\ 19 \\
\hline
\end{array}
$$

10.)
$$
\begin{array}{r}
16 \\
27 \\
13 \\
+\ 17 \\
\hline
\end{array}
$$

11.)
$$
\begin{array}{r}
12 \\
16 \\
26 \\
+\ 19 \\
\hline
\end{array}
$$

Name_____

Look at the number in the sun. Write the number
that is 100 less and 100 more in the blanks.

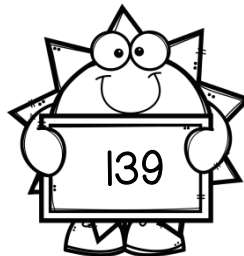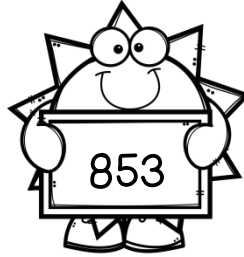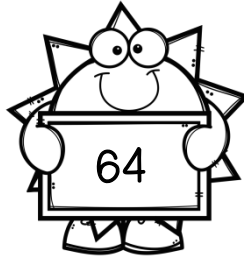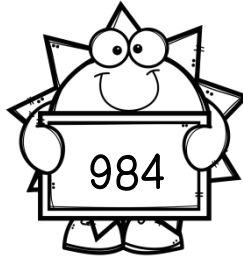| 100 less		100 more
_____	653	_____
_____	811	_____
_____	732	_____
_____	139	_____
_____	494	_____
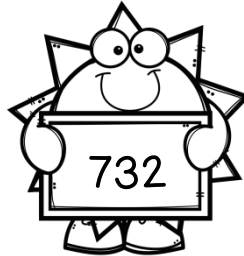
Name_____

Look at the number in the sun. Write the number that is 10 less and 10 more in the blanks.

10 less

10 more

853

_____

_____

64

_____

_____

984

_____

_____

12

_____

_____

863

_____

_____
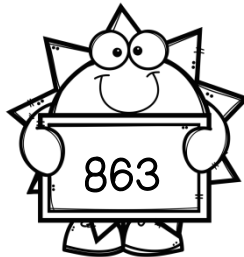
Name_____

Solve the following problem and show your work in the box below:

27+36=
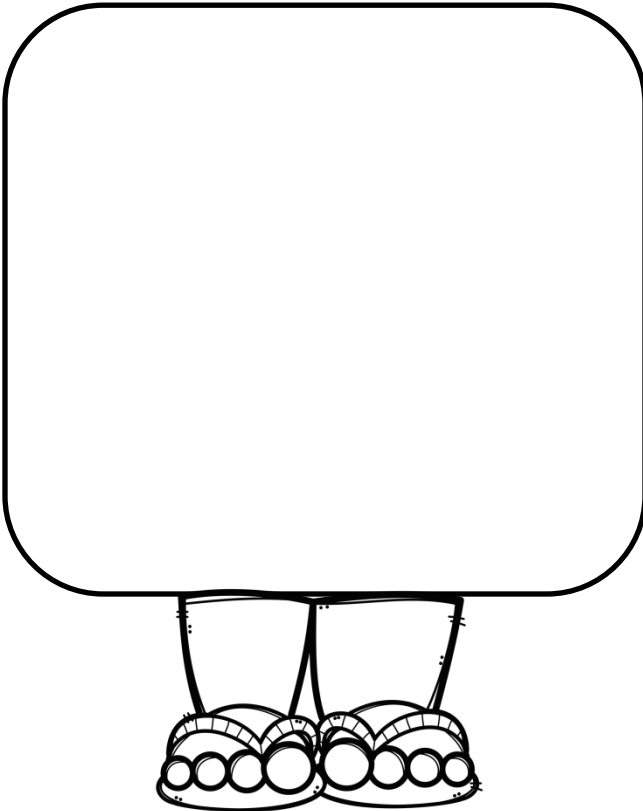
Did you regroup?

Yes
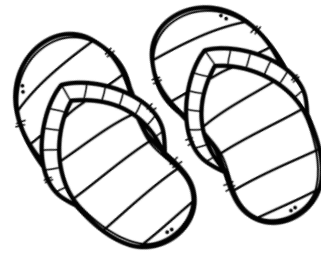
No

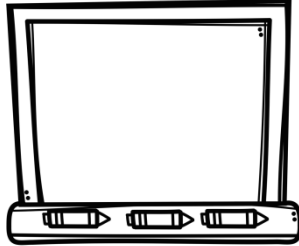Explain why you did or didn't regroup in the problem above?

_____

_____

_____

_____

_____

_____

Name_____

Solve the following problem and show your work in the box below:

63-18=

Did you regroup?

Yes

No
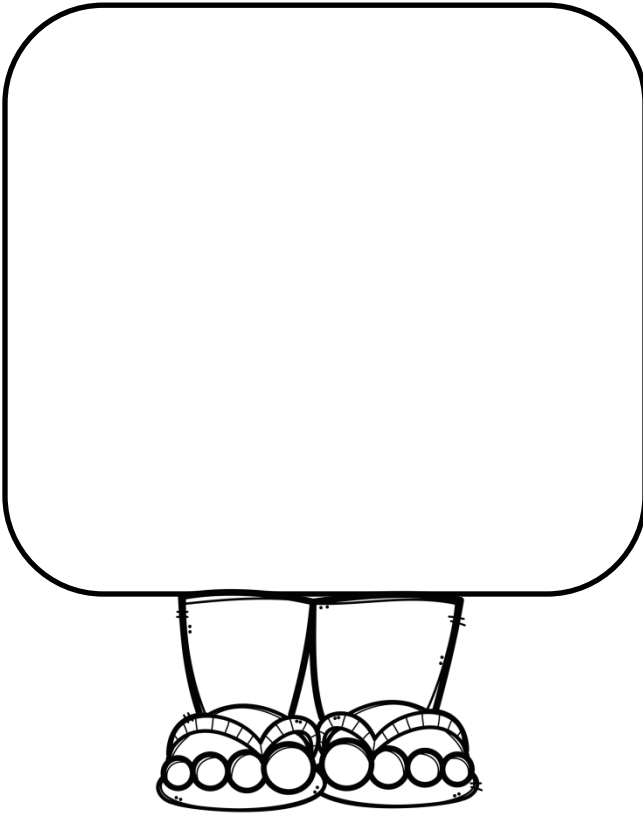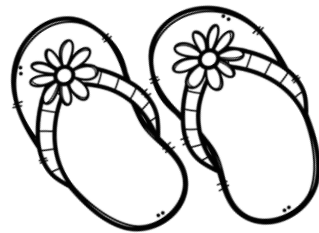
Explain why you did or didn't regroup in the problem above?

_____

_____

_____

_____

_____

_____

Name_____ 2.MD.3

Choose the best estimate for the
length each <u>REAL LIFE</u> object.

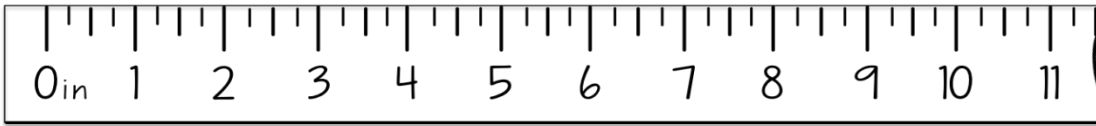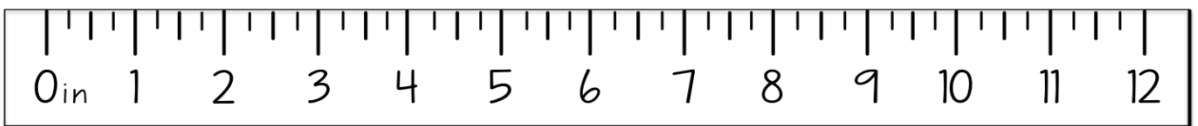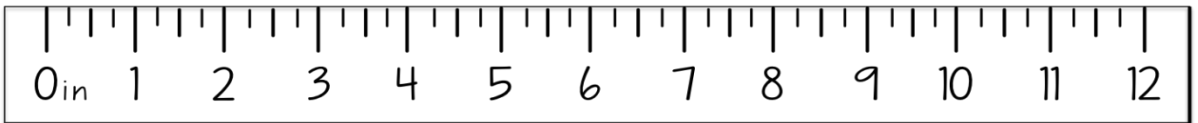| 1.)	2.)
More than 1 foot Less than 1 foot	More than 10 cm Less than 10 cm
3.)	4.)
More than 1 foot Less than 1 foot	More than 1 meter Less than 1 meter
5.)	6.)
More than 1 inch Less than 1 inch	More than 10 cm Less than 10 cm
7.)	8.)
More than 1 meter Less than 1 meter	More than 1 foot Less than 1 foot
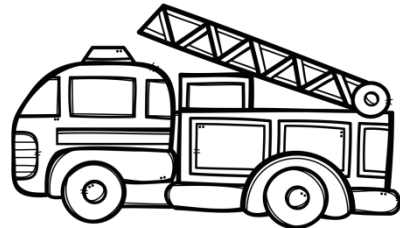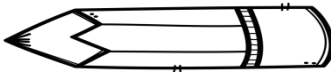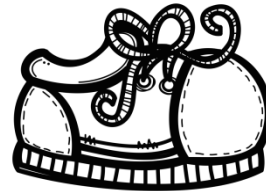
Name_____

Measure each objet to the nearest HALF inch and answer the questions.

1.)
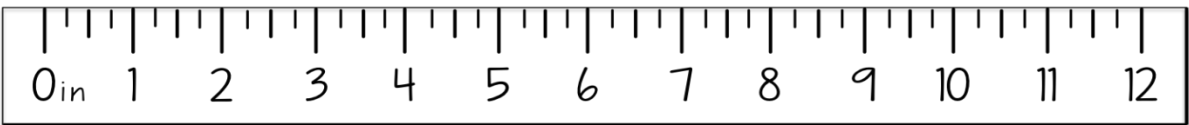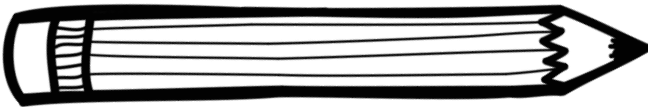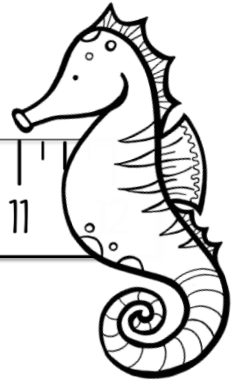
0in 1 2 3 4 5 6 7 8 9 10 11

0in 1 2 3 4 5 6 7 8 9 10 11 12

How many inches longer is one pencil than the other? _____

2)

0in 1 2 3 4 5 6 7 8 9 10 11 12

0in 1 2 3 4 5 6 7 8 9 10 11 12
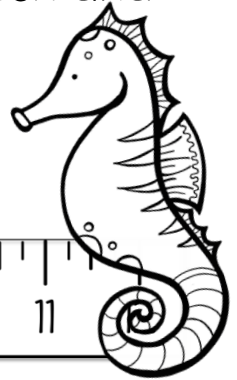
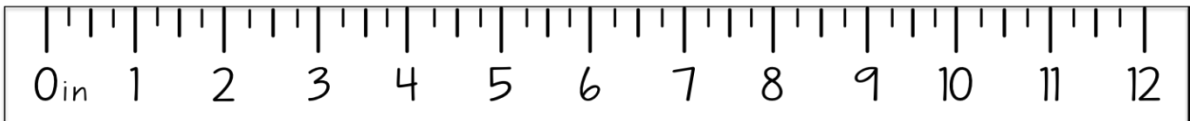How many inches longer is one pencil than the other? _____

Name_____   2.MD.4

Measure each objet to the nearest HALF inch and answer the questions.

3.)
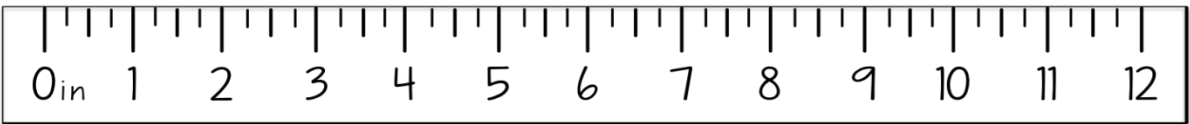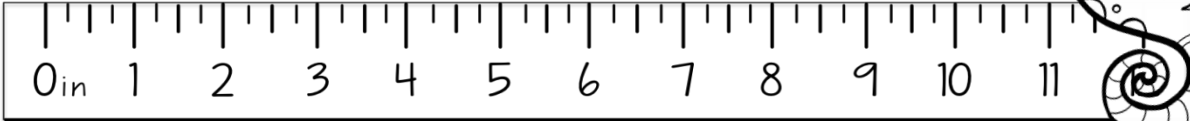
| | | | | | | | | | | | | |
| 0in | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | |

| | | | | | | | | | | | | |
| 0in | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |

How many inches longer is one pen than the other? _____

4)

| | | | | | | | | | | | | |
| 0in | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |

| | | | | | | | | | | | | |
| 0in | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
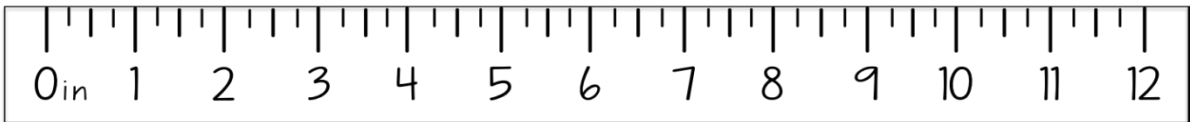
How many inches longer is one pen than the other? _____

Name_____

Fill in the missing numbers on the number line.

1.)

| 35 | 36 | 37 | ☐ | ☐ | 40 | ☐ | 42 | ☐ | ☐ | 45 |

2.)

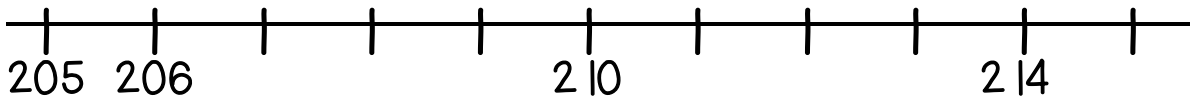| 107 | 108 | ☐ | ☐ | 111 | ☐ | ☐ | 114 | ☐ | ☐ | ☐ |
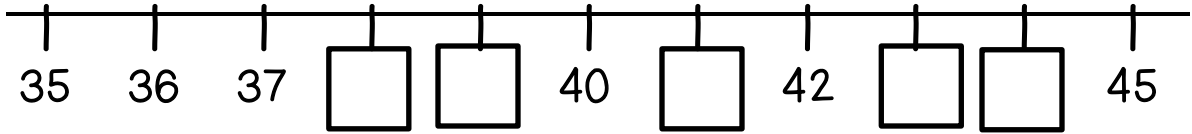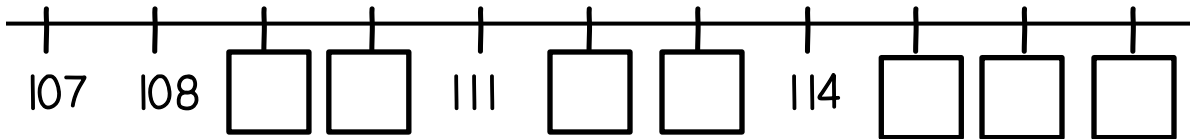
Complete the number line. Show the following number sentences on the number line below.

| 205 | 206 | | | | 210 | | | | 214 | |

3.) 214-_____=210

4.) 208+7=_____

5.) Create your own number line and write 2 number sentences to go with it.

6.) _____   7.) _____

Name_____ 2.MD.7

Write the time shown on each clock.

1.

[:]

2.

[:]

3.

[:]

4.

[:]

5.

[:]

6.

[:]

7.

[:]

8.

[:]

9.

[:]

10.

[:]

11.

[:]
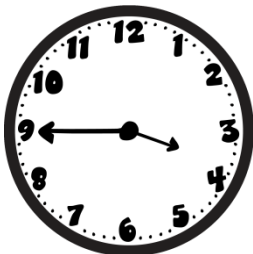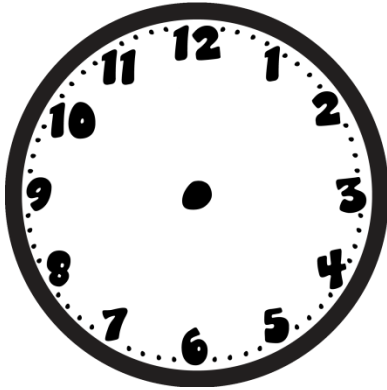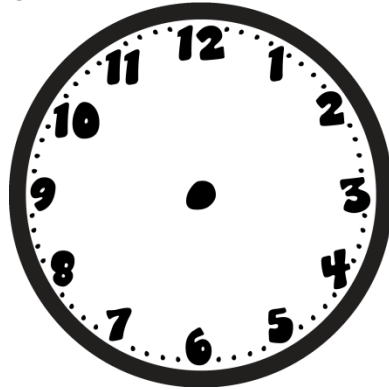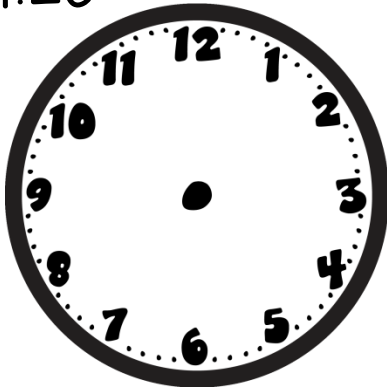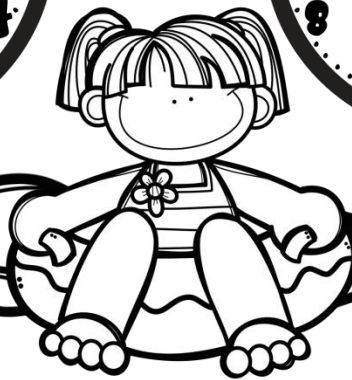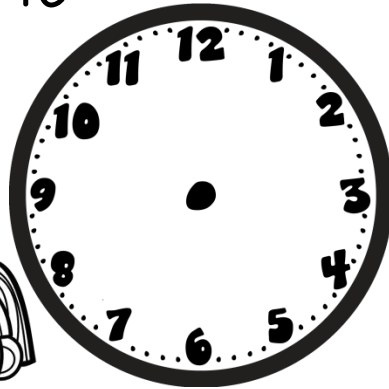
Name_____
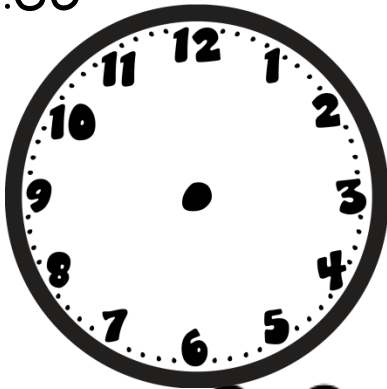
Draw the hands on the clock to match the time.

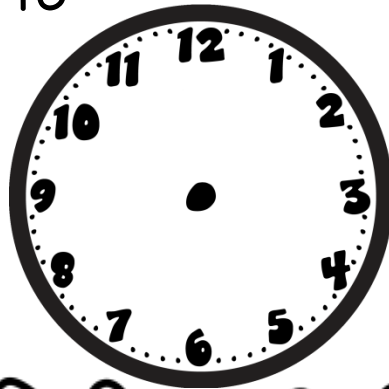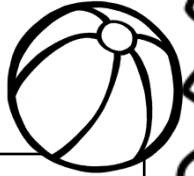1.) 3:55

2.) 7:35

3.) 11:20

4.) 8:40

5.) 6:35

6.) 9:45

Name_____ 2.MD.8

Solve the word problems. Draw pictures in the boxes to help you.

1. Shelby had 3 quarters, 4 dimes, and 3 nickels in her purse. She lost a nickel and 2 dimes. How much money does she have now?	2. Drew wants to buy a toy car that costs $1.35. He has 2 quarters, 4 dimes, 1 nickel, and 3 pennies. How much more money does he need to buy the car?
3. Lane bought a soda for $0.65. He handed the cashier $1.00. How much change should he get back?	4. Sydney buys a soda for $1.25 and a bag of chips for $0.55. How much money did she spend in all?
4. Braden has $0.73. He found a quarter and a dime on the sidewalk. How much money does he have now?	5. Libby buys a bag of popcorn for $0.60. If she pays for it with 3 quarters, how much change should she get back?

A survey was taken to find out people's favorite place to swim. The results were recorded in the table below. Use the table below to complete the graph (on the next page), then answer the questions below.

Lake	6
Ocean	8
Pool	12
River	4

1.) How many more people chose the ocean than the river? _____

2.) How many people chose the pool and the lake as their favorite place to swim? _____

3.) Which swimming place received the fewest votes?_____

4.) How many people voted? _____

5.) Which two places added together equal 20?

_____

FAVORITE PLACE TO SWIM

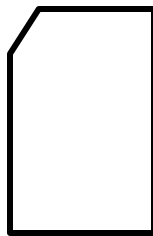|	Lake	Ocean	Pool	River
12				
11				
10				
9				
8				
7				
6				
5				
4				
3				
2				
1				

Name_____ 2.G.1

Identify the following shapes as a
triangle, pentagon,
quadrilateral, or hexagon,
or cube.
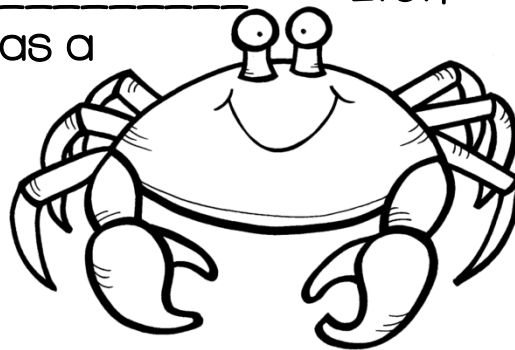
1.)

_____
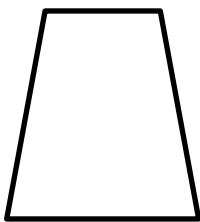
2.)

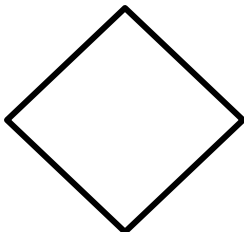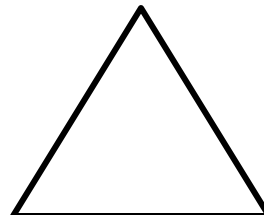_____

3.)

_____
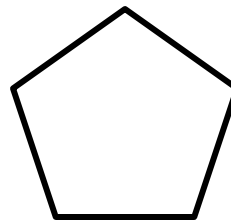
4.)

_____

5.)

_____
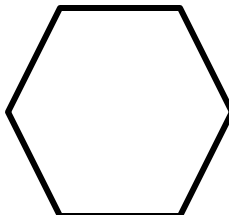
6.)

_____

7.)

_____
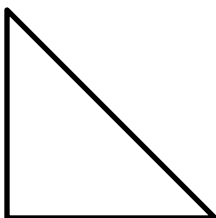
8.)

_____

9.)

_____
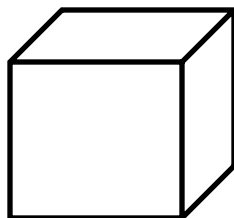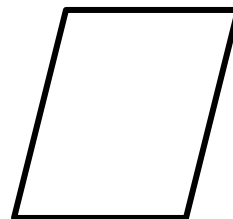
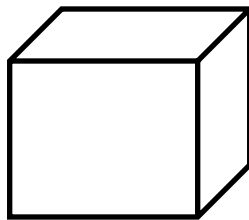Name_____ 2.G.1

Answer the following questions.

1.) How many sides does a hexagon have?_____

2.) How many angles does a hexagon have?_____

3.) How many sides does a triangle have?_____

4.) How many angles does a triangle have?_____

5.) How many sides does a pentagon have? _____

6.) How many angles does a pentagon have? _____

7.) How many sides does a quadrilateral have? _____

8.) How many angles does a quadrilateral have? _____

9.) How many edges does a cube have? _____

10.) How many vertices does a cube have? _____
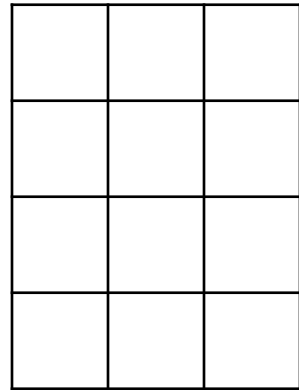
11.) How many faces does a cube have?_____

Answer the following questions.

Count the rows, columns, and total number of small squares for each shape.
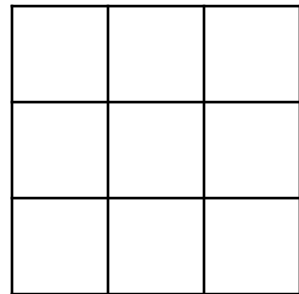
1.

Number of rows: _____

Number of Columns: _____

Total: _____

2.

Number of rows: _____
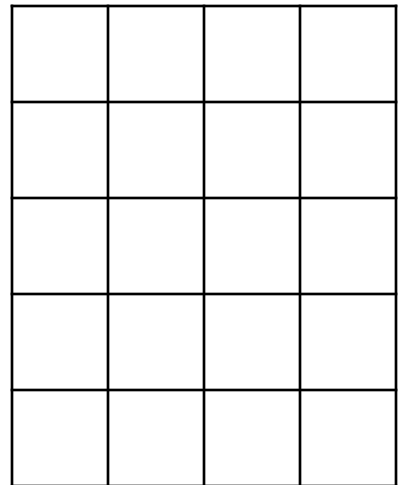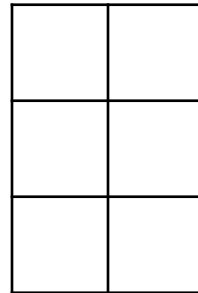
Number of Columns: _____

Total: _____

3.

Number of rows: _____

Number of Columns: _____

Total: _____

Answer the following questions.

Count the rows, columns, and total number of small squares for each shape.

4.

Number of rows: _____
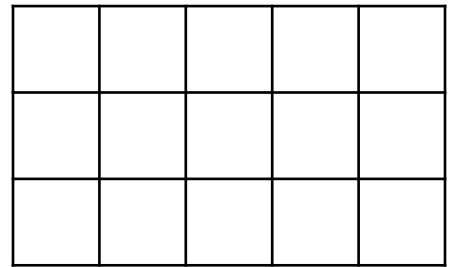
Number of Columns: _____

Total: _____

5.

Number of rows: _____
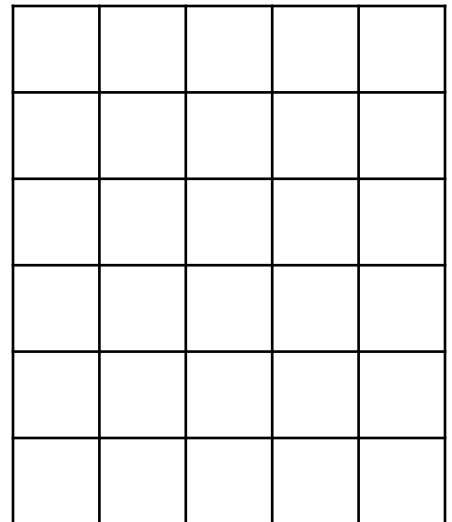
Number of Columns: _____

Total: _____

6.

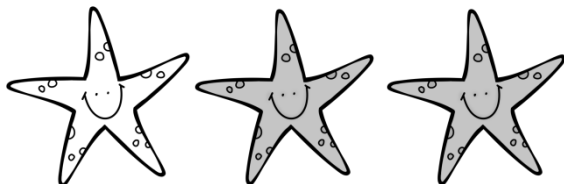Number of rows: _____
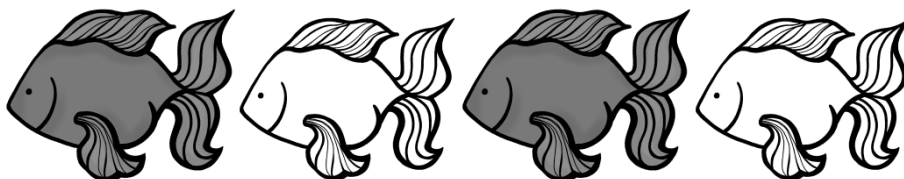
Number of Columns: _____

Total: _____

Name_____   2.G.3
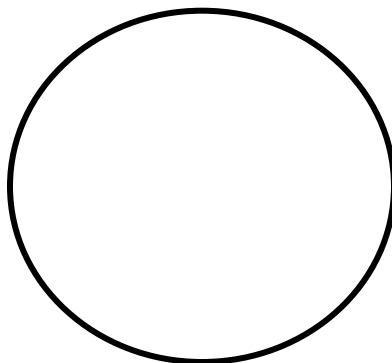
Answer the following questions.

1.) What fraction of the starfish are shaded?

_____

2.) What fraction of the fish are shaded?

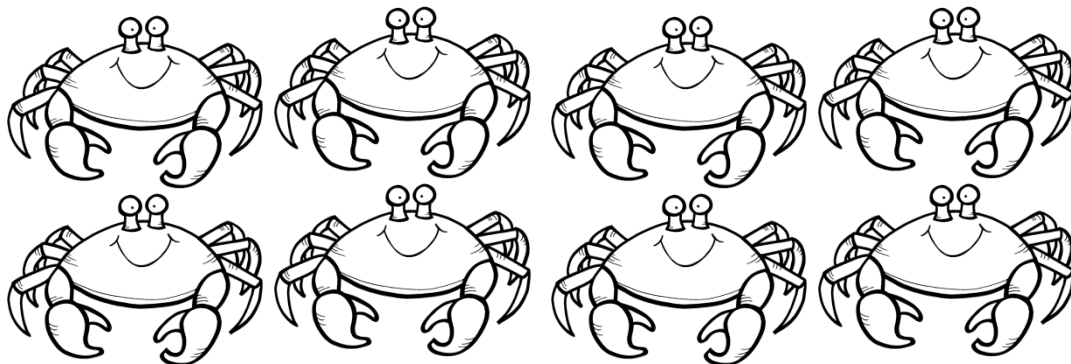_____

3.) Divide the circle into 3 equal parts and shade 1/3.
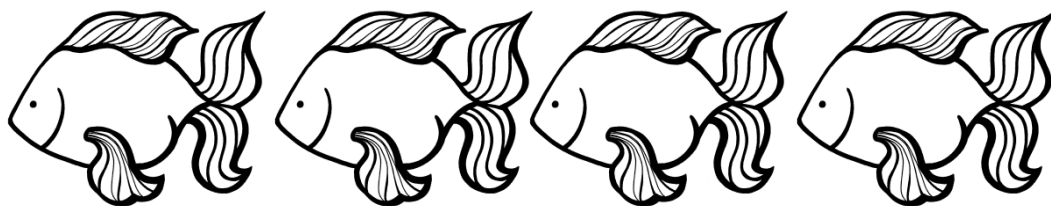
4.) Divide the rectangles in half 2 different ways.

.

1.) Shade 3/4 of the crabs.
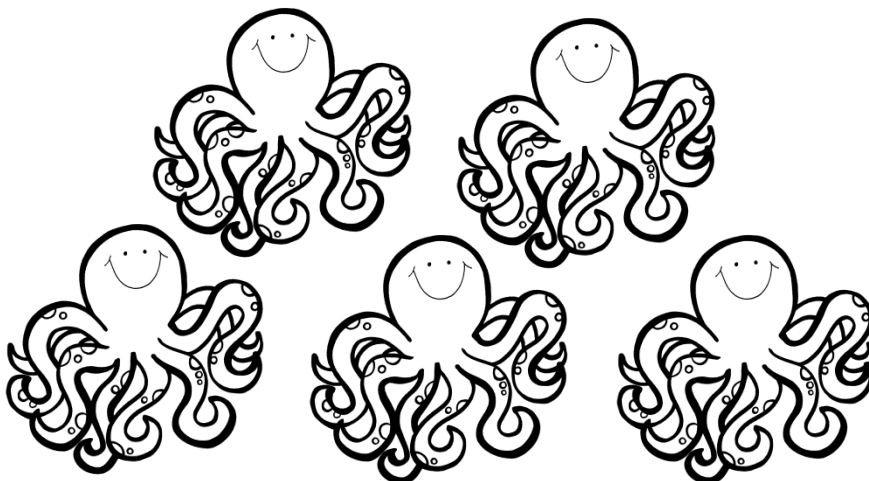

2.) Shade 1/4 of the fish blue, 2/4 green and 1/4 yellow.
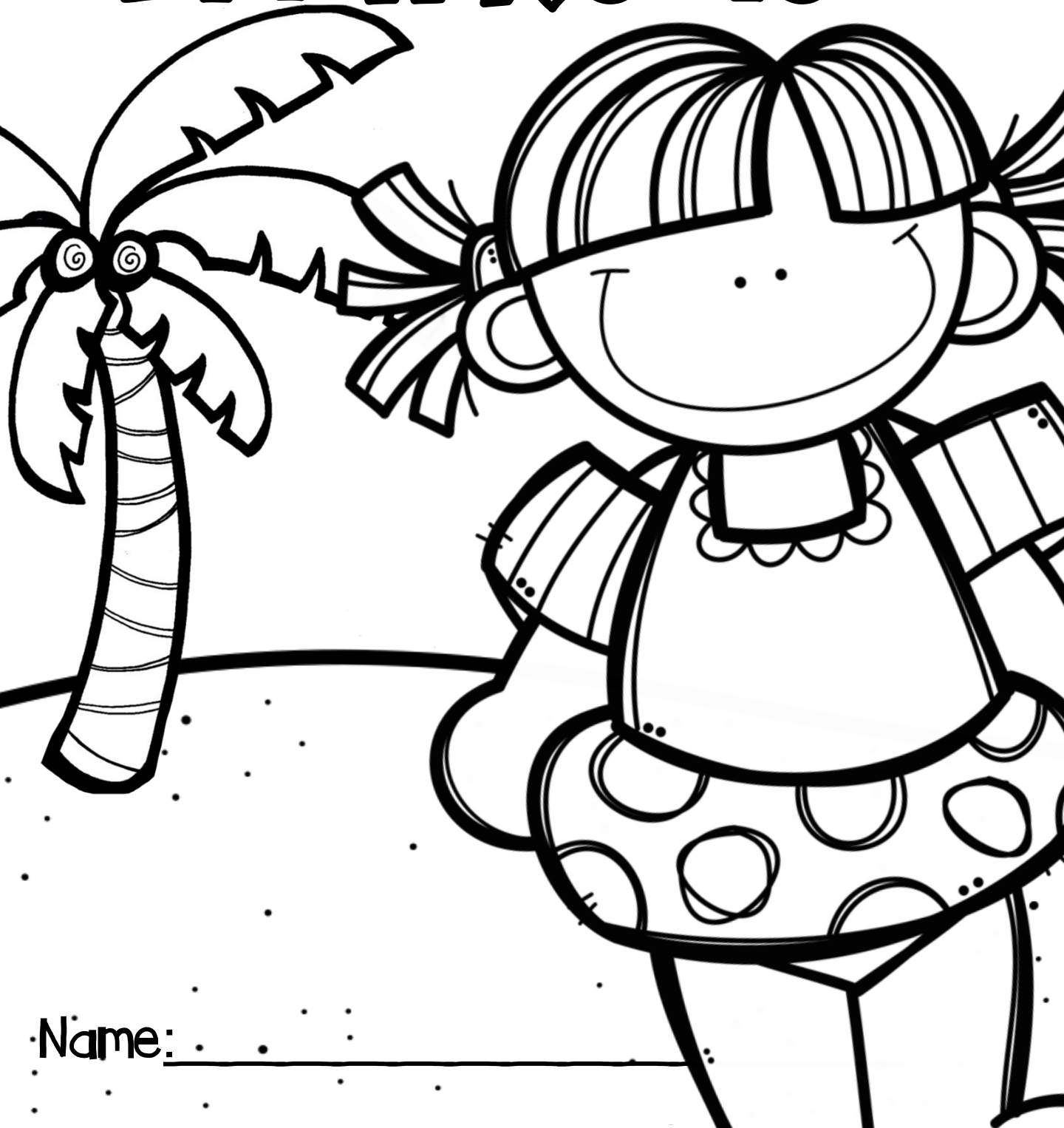

3.) Shade 3/5 of the octopuses green and 2/5 orange. .

Summer
Math Review

Name:_____

Summer
Math Review

Name:_____