Rising 3rd Grade Summer Math Packet Answer Key

Find the sums and differences.

7	7	11	3	13	6	12	10
+ 5	+7	- 9	+ 7	- 9	+ 7	- 9	- 9
12	14	2	10	4	13	3	1

Add. Watch for carrying.

578	52
+138	13
716	+ 23
	88

Subtract.
Watch for regrouping.

78	52	528
- 45	- 25	- 105
33	27	423

Count by fives.

35 40 45 50 55 60 65 70 75 80

Mark under the correct answer.

1 year = ___days

360 365 370
O **O** O

1 quart = ___ pints

2 3 4
O O O

1 yard = ___ feet

2 3 4
O **O** O

Solve.

Cody did 68 jumping jacks. Emily did 25 jumping jumps. How many jumping jacks did they do altogether?

93

Write the fraction for the gray part of the figure.

$\frac{7}{10}$

Find the sums and differences.

7	7	14	3	15	6	18	13
+ 9	+6	- 7	+ 9	- 9	+ 8	- 9	- 4
16	13	7	12	6	14	9	9

436	813	67	421	6,528	4,236
+198	+ 129	- 48	- 138	- 2,105	+3,946
634	942	19	283	4,423	8,182

Count by hundreds.

100 200 300 400 500 600 700 800

Fill in the correct answer.

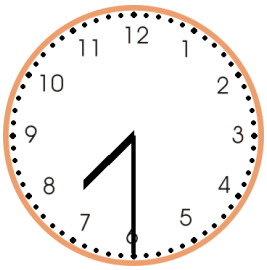
1 gallon = __4__ quarts 1 foot = __12___ inches

1 hour = __60__ minutes 1 meter = __100___ centimeters

Multiply.

2	5	8	3	6	9	4
x 9	x 0	x 2	x 3	x 3	x 1	x 2
18	0	16	9	18	9	8

What time is it?



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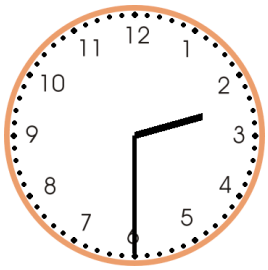

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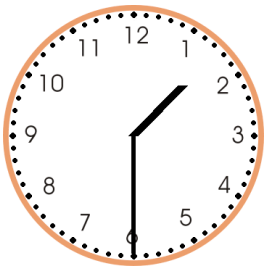


1:30

Solve.

There are 63 books on a bookshelf. If 39 students each take one, how many books would be left?

63 – 39 = 24

Find the sums and differences.

13	4	11	10	5	6	9
- 8	+8	- 9	- 6	+8	+6	+ 3
5	12	2	4	13	12	12

Add. Watch for carrying.

36	43	79
+23	+87	+18
59	130	97

Subtract. Watch for regrouping.

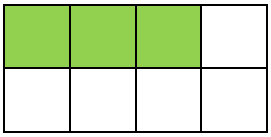
38	46	52
-17	- 27	- 35
21	19	17

Count by twos.

76 78 80 82 84 86 88

Write the fraction that the picture shows.

$\frac{3}{8}$



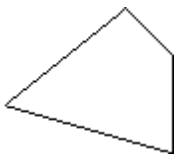
Multiple Choice: **Identify the choice that best completes the statement or answers the question.**

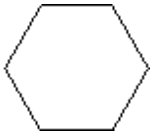
__b_ 1. Which of the following describes this solid figure?

a. It has 1 flat surface and 2 vertices.
b. It has 1 flat surface and 1 vertex.
c. It has 2 flat surfaces and 0 vertices.
d. It has 0 flat surfaces and 2 vertices.

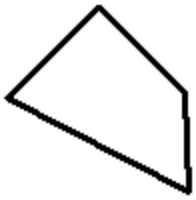
__c__ 2. I have 4 vertices.
I have sides that are not equal.
Which shape could I be?

a. 

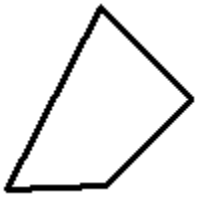
c. 

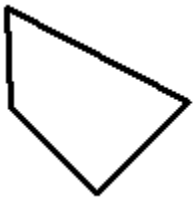
b. 

d. 

__d__ 3. 

Which figure is NOT congruent to the one above?

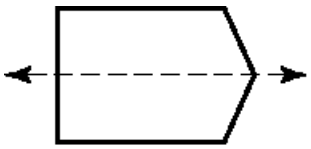
a. 

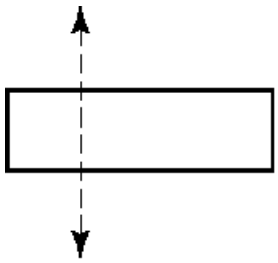
c. 

b. 

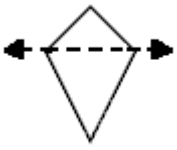
d. 

_a__ 4. Which dotted line is a line of symmetry?

a. 

c. 

b. 

d. 

Find the sums. Watch for regrouping.

365	597	452	218	172	215
+179	+385	+279	+143	+236	+368
544	982	731	361	408	583

Find the differences. Watch for regrouping.

560	346	765	262	981	611
-315	- 178	- 186	- 173	- 555	- 272
245	168	579	89	426	339

Solve.

Sam read 546 pages. Ashley read 249 pages. How many more pages did Sam read than Ashley?

546 - 249 = 297

Troy used 434 Legos on his ship. Mike used 386 Legos on his fort. How many Legos did they use in all?

434 + 386 = 820

Draw a picture and solve.

1. Mark has 12 gumballs that he gives to 3 friends. Each friend gets the same number of gumballs. How many gumballs does each friend get?

   12 ÷ 3 = 4

2. Sophia is reading a story that is 24 pages long. If she reads 6 pages a day, how many days will it take Sophia to finish the book?

   24 ÷ 6 = 4

3. Susan has 20 apples and five baskets. She puts the same number of apples in each basket. How many apples does she put in each basket?

   20 ÷ 5 = 4

Draw an array to help you solve each problem.

4. 2 x 12 = 24
   24 ÷ 2 = 12

6. 3 x 7 = 21
   21 ÷ 3 = 7

5. 4 x 4 = 16
   16 ÷ 4 = 4

7. 8 x 4 = 32
   32 ÷ 8 = 4

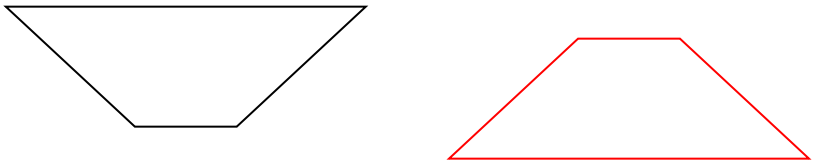
Find the sums. Watch for regrouping.

					198
424	370	183	518	316	224
+ 98	+398	+754	+184	+895	+424
522	768	937	702	1,211	846

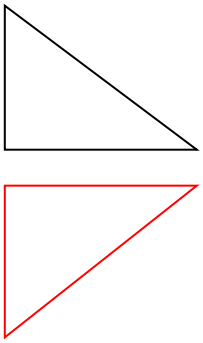
Find the differences. Watch for regrouping.

819	223	926	151	670	555
-291	- 144	- 717	- 109	- 373	- 359
528	79	209	42	297	196

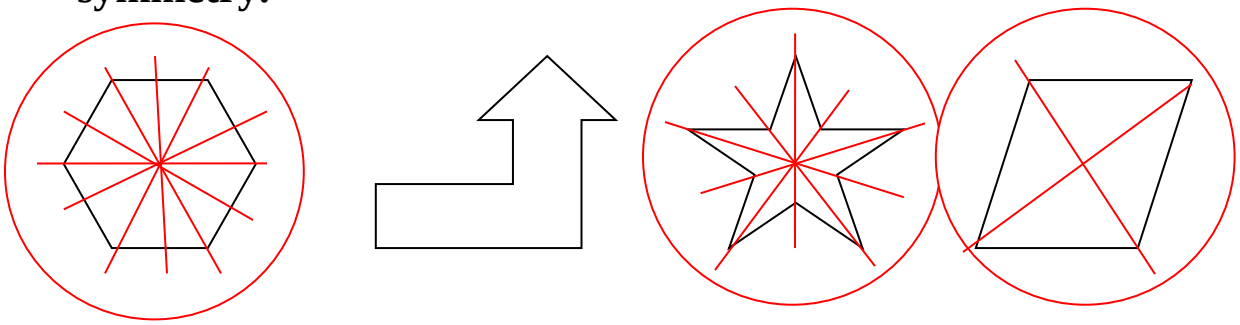
Draw a shape that is congruent to this one:



Show the reflection of this shape:



Circle the shapes that are symmetrical and draw their lines of symmetry.



Count by twos.

118 120 122 124 126 128 130

Write the answers.

1 dozen = 12 things

1 hour = 60 minutes

1 year = 12 months

Solve.

If you have one quarter, two dimes, one nickel, and three pennies, how much money do you have?

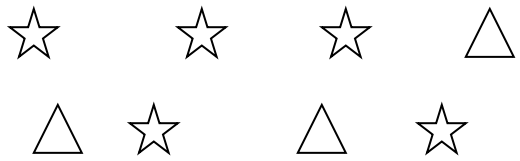
53 cents

Write the sums and differences.

9	13	5	9
+6	- 7	+ 6	+ 4
15	6	11	13

10	12	7	11
- 8	- 5	+ 4	- 9
2	7	11	2

Write the fraction for the number of stars below.



$\frac{5}{8}$

Mark under the correct answer.

1 year = ___months

12	36	365
O	O	O

1 gallon = ___ quarts

2	4	8
O	**O**	O

1 meter = ___ centimeters

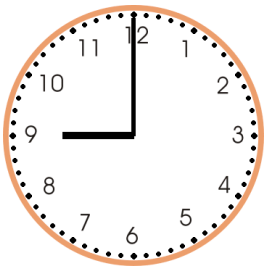
12	36	100
O	O	**O**

Solve.

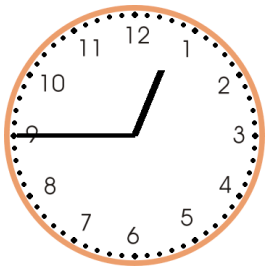
Sandy had 3 cups of marbles. Each cup had 8 marbles in it. How many marbles did she have in all?

24

What time is it?



9:00



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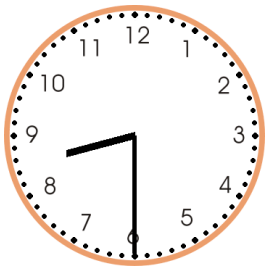


8:30

Find the sums and differences. Watch for regrouping.

565	754	426	166	362	924	430
+ 216	+ 367	+176	+698	-186	-225	-249
781	1121	602	864	176	699	181

68	218	507	51	523	821
+ 34	+287	+153	- 22	- 106	- 339
102	505	660	29	417	482

Draw a picture and write a multiplication story to go with each problem. Solve the problem.

4 x 2 = 8

_____

_____

_____

5 x 3 = 15

_____

_____

_____

Solve.
Margot has 4 pencil holders. Each one holds 3 pencils. Write the number sentence that shows how many pencils Margot has. Solve the problem.

4 x 3 = 12

Which symbol makes the following true?

1. 76 ◯ 81

a. <

b. >

c. =

d. +

4. 55 ◯ 43

a. <

b. >

c. =

d. +

Fill in the correct answer.

1 yard = 3 feet

1 meter = 100 centimeters

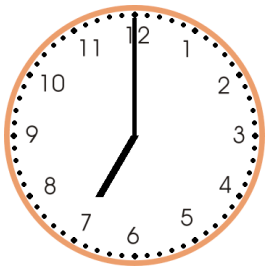
1 week = 7 days

1 year = 12 months

1 pint = 2 cups

1 gallon = 4 quarts

What time is it?



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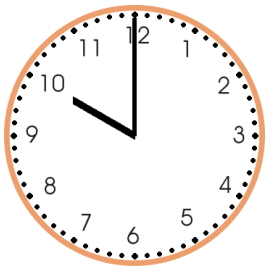

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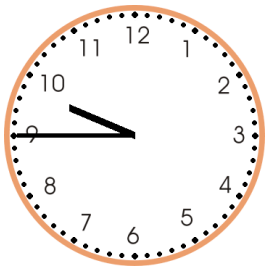

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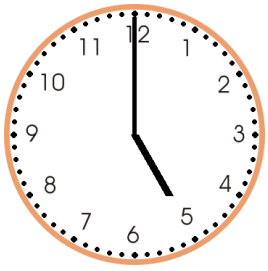

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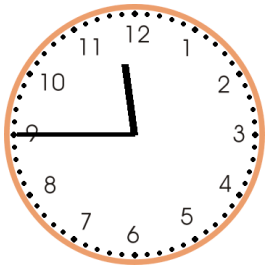

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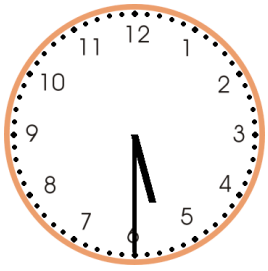


5:30

Use the table to answer the questions.

Concert Tickets Sold

	Friday	Saturday	Sunday
Booth A	**250**	**200**	**400**
Booth B	**450**	**350**	**250**
Total			

1. How many tickets were sold on Friday?

   250 + 450 = 700

2. How many tickets were sold on Saturday?

   200 + 350 = 550

3. How many tickets were sold on Sunday?

   400 + 250 = 650

Use the chart to create your own bar graph.

Boxes of Cereal

Oat Flakes	200
Corn Flakes	500
Wheat Flakes	350

Solve.

2. Kara has 4 coins. The total value of the coins is 37¢. She has 1 quarter and 2 pennies. What is her fourth coin?

1 dime

3. What coin can you add to Evan's coins to make their total value equal to the value of Toni's coins?

Evan's coins = 55 cents

Toni's coins = 60 cents

1 nickel

4. Stephen has 2 quarters, 3 nickels and a dime. He bought a gumball for 6¢. How much money does he have left?

75 cents – 6 cents = 69 cents

Find the sums and differences.

8	9	8	296	510	724
+ 5	+ 7	+ 7	+ 34	- 125	- 382
13	16	15	330	385	342

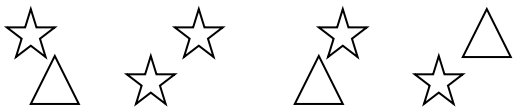
32 + 40 = 72 82 + 10 = 92 56 – 29 = 27

Solve.

An octopus has eight arms. A squid has ten arms. How many more arms does a squid have than an octopus? 10 – 8 = 2 arms

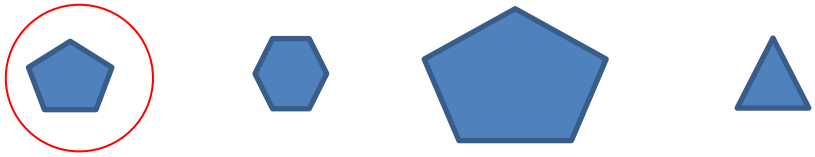
Sally has 8 cookies. She buys 12 more. How many does she have now?
8 + 12 = 20 cookies

Write the fraction for the number of triangles below.



$\frac{5}{8}$

Which shape is congruent to this one  **?**



Draw a shape that has a line of symmetry. Draw a line to show the line of symmetry.

I have more than two sides and less than four sides. What shape am I?

Triangle

Multiply. Complete the table.

x	3	0	8	2	7
2	6	0	16	4	14
4	12	0	32	8	28
3	9	0	24	6	21

Multiply.

5	4	2	3	7	8	9	3
x 4	x 7	x 8	x 1	x 6	x 4	x 7	x 6
20	28	16	3	42	32	63	18

Mixed practice.

7 + 8 15	13 - 6 7	9 + 9 18	15 + 6 21	
4 x 2 8	3 x 7 21	1 x 6 6	9 x 3 27	
11 - 8 3	5 + 8 13	14 - 9 5	9 + 6 15	

x	6	0	4	7	5
2	12	0	8	14	10
1	6	0	4	7	5
3	18	0	12	21	15

15 - 8 7	16 - 8 8	7 + 5 12	9 + 3 12
9 + 7 16	13 - 5 8	10 - 7 3	3 + 5 8

12 – 6 + 3 = 9 4 x 3 = 12

9 + 3 – 5 = 7 1 x 8 = 8

9 x 2 18	2 x 8 16	9 x 1 9	0 x 7 0	37 + 52 89	28 +45 73	58 + 7 65	53 +29 82

5 + 6 11	15 - 9 6	14 - 8 6	7 + 9 16
9 x 3 27	3 x 6 18	4 x 4 16	4 x 8 32

7 + 4 – 5 + 8 – 9 + 6 = 11

2 x 5 – 7 = 3

12 x 2 = 24 7 + 4 – 5 = 6 14 – 2 – 5 – 3 – 1 = 3

Solve.

How much money?

90 cents

James has the following 5 coins. Does he have enough money to buy an ice cream cone if the ice cream cone cost $1.25?

Yes ($1.28)