Spiral Review

#4

Spiral Review

Enclosed is 9 weeks of Spiral Review that covers skills taught throughout third grade.

Questions are aligned to the Virginia Standards of Learning with a focus on and include all of the Math SOL's.

Also enclosed are 9 different worksheets to reinforce patterns, algebraic expressions, comparing fractions, measurement, and probability.
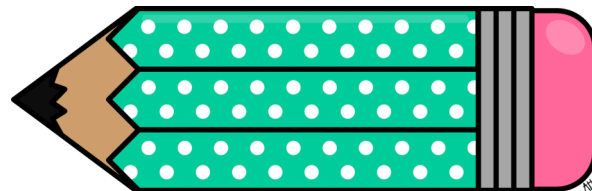
Clip Art is provided by the following:

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Created by K. Lyle 2014

4th 9 weeks Spiral Review

Name:_____

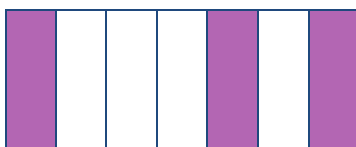|	
Circle all the numbers with a six in the thousands place. 63,687 31,967 226,870 66,765 61,305 167,054	**What is the value of the 7 in the number 118,745?**
How much of the rectangle is not shaded?	**Which sentence shows the Commutative Property of Multiplication** **3 x 1 = 3 3 x 0 = 0 3 x 8= 8 x 3 3 - 0= 3 + 0**
Solve: $6{,}875 + 3{,}654$	**Compare <,>,=** 6 x 12 ☐ 80 +12 57-8 ☐ 7 x 7 56 ÷ 7 ☐ 3 x 2
Rachael went to the mall and bought clothing items. She bought 5 shirts, 3 pairs of pants, 6 socks, and a coat. What was the fraction of socks she bought to the other items?	**How many hours have passed between the two times?** _____
Favorite Color of Popcicles **How many students chose red and green combined?** _____	**Sue needed to make baskets for Easter. She had 48 Easter eggs. She wanted to put 6 eggs in each basket. How many baskets could she make?**
	Solve $5{,}402 - 4{,}356 =$_____
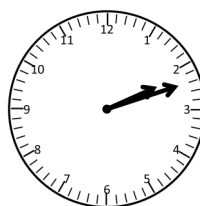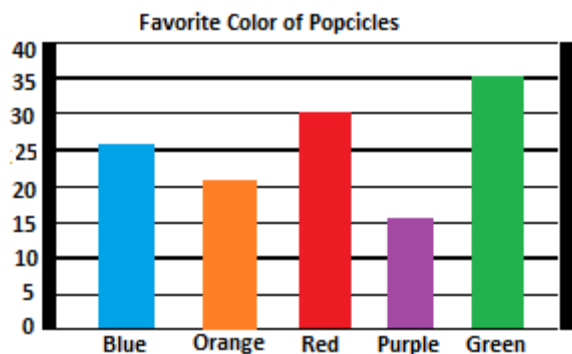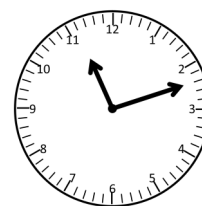
4th 9 weeks Spiral Review

Name:_____
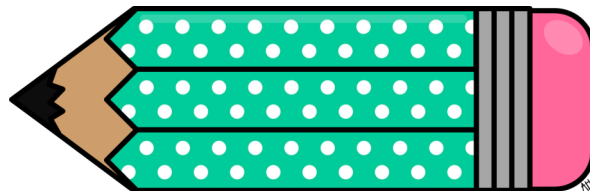
Circle all the numbers that will round to 1,570

1,507   1,572   1,576

1,575   1,569   1,565

Laps Ran	
Sam	178
Joe	354
Kyle	?

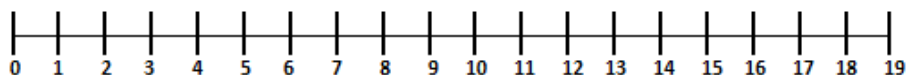Kyle ran 23 laps less than Sam and Joe combined how many laps did he run?

Write the standard form for

70,000 + 3,000 + 600 + 10 + 9

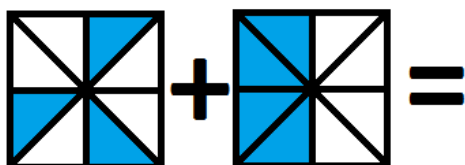
Which sentence shows the Identity Property of Multiplication

7 x 1 = 7   7 x 0 = 0   7 x 8= 8 x 7   7 - 0= 7 + 0

Model 3 x 5

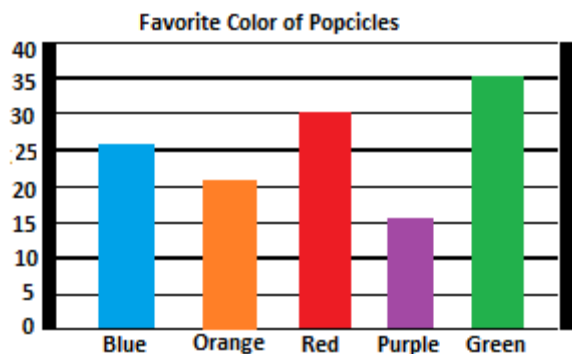0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

Solve

$$\begin{array}{r} 9\ 1 \\ \times\ \ \ 4 \\ \hline \end{array}$$

Jack left his house at the time shown on the clock. He returned four hours later. What time did he get home?

Favorite Color of Popcicles

How many more students chose green than purple?

_____

Carrie went to GameStop and bought 2 new games. She bought Mario Bros. and Crash Bandit. Carrie paid with a five dollar bill. How much money did she get back?

Mario Cart	$1.87
Mario Bros.	$2.12
Crash Bandit	$1.76

4th 9 weeks Spiral Review

Name:_____
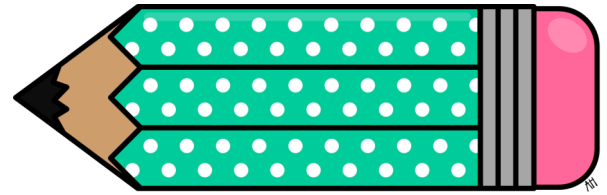
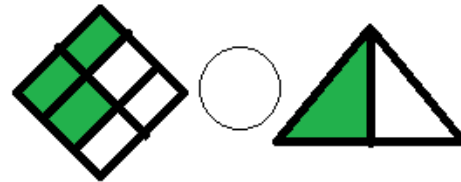Label the place value for the digits in chart for the following number: 675,803

0	
5	
8	
7	
3	

ones		hundred thousands
tens		ten thousands
hundreds		thousands

Circle the model of a ray
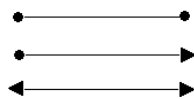
Compare <,>,=

There is 42 yards of fabric on a roll. If 6 yards is needed to make a dress, how many dresses can be made with one roll?

_____

What is the value of the money shown?

Circle all the related facts for 12 x7= 84

7 x 12 = 84	96 − 12 = 84
8 x9 = 72	84 ÷7=12
84 ÷12 = 7	12+ 7 = 19

Which would be the best estimate for

678 + 105 = _____?

a. 800   b. 750   c. 780   d. 790

Zac watched T.V. for 3 hours. How many minutes did he watch T.V.?

_____

Solve

8,765 + 1, 419 = _____

Favorite Fruits

Pears
Grapes
Apples
Melon

0   5   10   15   20   25   30   35   40   45
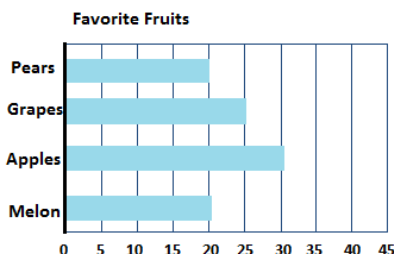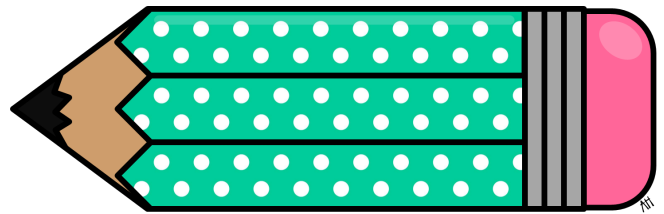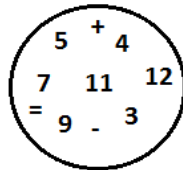
Create a tally chart for the above graph.

A third grader might weigh —-

a. 60 kg

b. 6 lbs

c. 60 lbs.

d. 6 ounces

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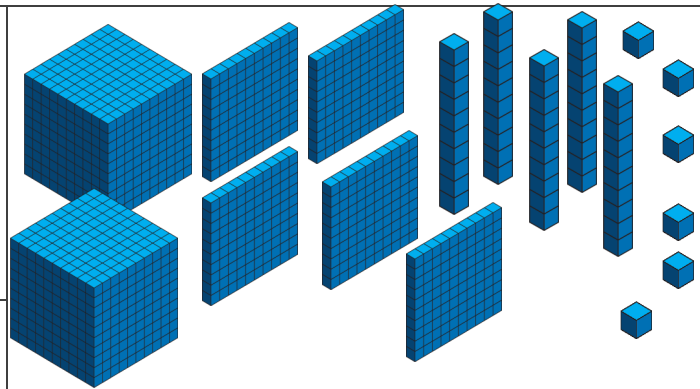**Pick numbers from circle to make a fact family**

5 + 4
7   11   12
= 9 - 3

What comes next in the pattern?

220, 218, 216, 214, _____

Write the number in standard form
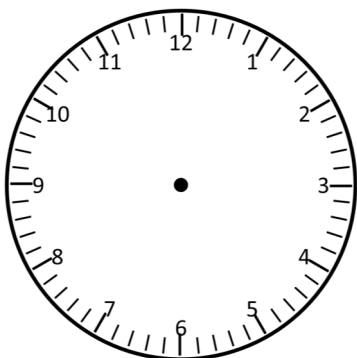
_____

Circle all the angles in the shape.

Solve

$$\$ \ 9. \ 6 \ 0$$
$$- \ 8. \ 5 \ 8$$

**Greg owned 897 baseball cards. He got 432 new cards for his birthday . About how many cards does he have altogether?**

Write the total value of all the coins.

Money in Jim's Pocket	
19 Penny	_____
3Nickel	_____
5 Dime	_____
9 Quarter	_____

Anna went to the movies at 3:15. The movie was 2 hours long. Show the time the movie was over on the clock.
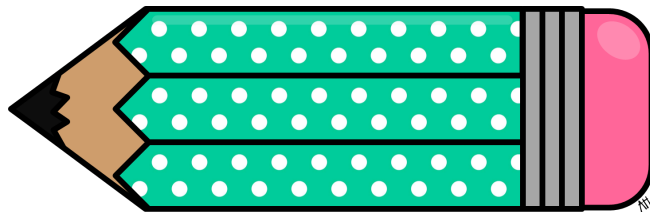
Write a number sentence for the model.

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
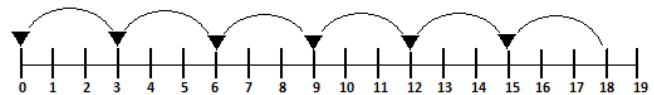
Find the perimeter of the shape. All sides are equal.

6 cm
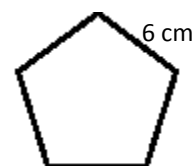
4th 9 weeks Spiral Review

Circle the line
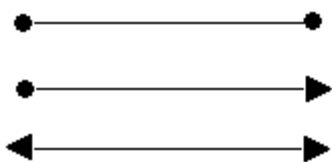
Solve

$$\frac{4}{5} + \frac{6}{5} =$$

Top T.V. Shows	
American Idol	7,654
Duck Dynasty	3,456
Survivor	2,981

Using the chart above: How many more people watched American Idol than Survivor and Duck Dynasty combined?
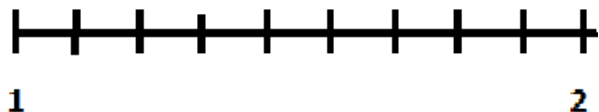
_____

The 8 basketball players on the team will share 64 bottles of water equally. How much water will each player get?

Solve

$$\$ \quad 4. \quad 1 \quad 0$$
$$- \quad 2. \quad 6 \quad 5$$

Show $1\frac{5}{9}$ on the number line.

1   2

Fill in the empty squares by adding across each row and then down.

79	22	
18	46	

Third grade went on a field trip to the museum. They arrived at the museum at 10:30. If the bus ride took 2 hours what time did they leave the school?
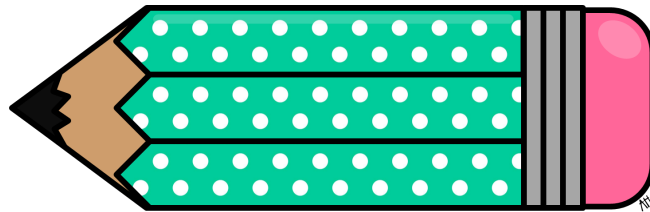
Draw a line of symmetry

How long is the paper clip to the nearest half inch?

1   2   3   4   5   6
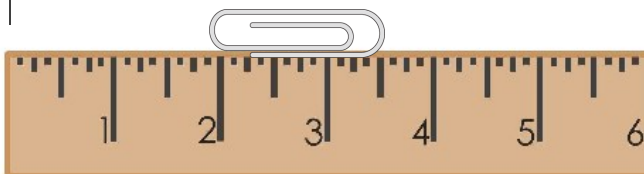
Write the following in standard form and expanded form: four hundred sixteen thousand, four hundred sixty-nine

Name:_____

3rd9 weeks Spiral Review

Measure the perimeter of the box.

What comes next in the pattern?

△ ◁ ◁ ▷ ▷ △ ____

Circle all of the example of the Identity Property of Addition

12 + 0 = 12	0 + 3= 3	10-0 = 0
11 + 1 = 12	7 + 6 = 6 + 7	9 + 0 = 9
8-1= 7	6 X 0 = 0	7+ 1= 8

Solve:

$$78 - 42 = 6 \times \underline{\quad}$$

Solve

$$
\begin{array}{r}
\$\ 4.\ 5\ 0 \\
-\ 1.\ 2\ 8 \\
\hline
\end{array}
$$

April bought 2 milkshakes for $2.33 each. She gave the cashier $5.00. How much change will she get?

How many weeks in one year?_____

How many weeks in 4 years?_____

Circle all the models that show two sixths
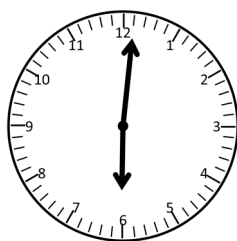
Read the time
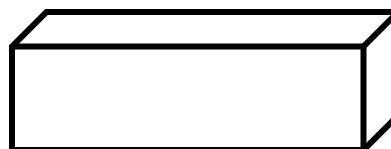
Faces _____

Vertices _____

Points _____
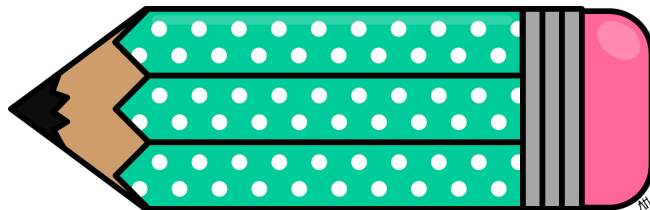
Write the following in expanded form

seven hundred twenty-five thousand, one hundred nine

What is the volume of the liquid in mL?

Em has a sticker collection. One eighth of the collection is blue, one half is red, and the rest is green. What is the fraction of the green? Use the picture to help you.

Count the money shown.

Name three spheres you might see each day.

_____, _____, _____
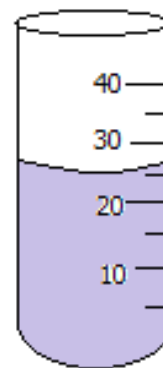
What is the area?

What is the value of the underlined digit?

6<u>4</u>3,922

Circle the best estimate

car	1000g	1000kg
pillow	8 oz	8lb
stapler	250 g	250 kg

A teacher kept track of how many pictures her students colored.

Colored Pictures

X = 1
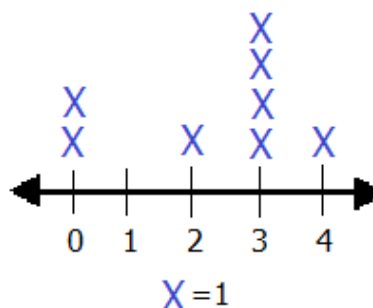
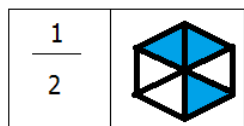How many students colored more than 2 pictures?

Sam left his house at the time shown on the clock.

He went to the mall for 2 hours.

He shot basketball for an hour.

He then stopped by a neighbor's house for an hour. What time did he get home?

3rd9 weeks Spiral Review
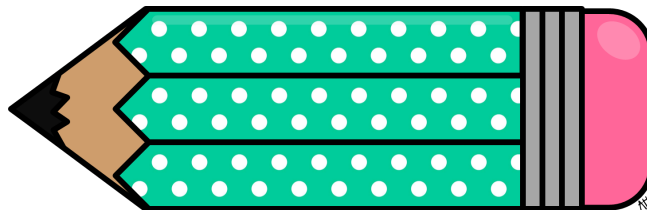
Which domino is incorrect?

$\frac{1}{2}$

$\frac{5}{8}$

$\frac{3}{8}$
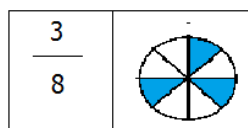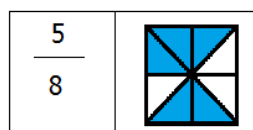
Sit ups in Gym class

$X=1$
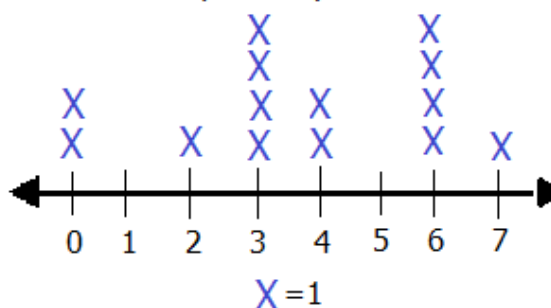
How many students could do less than 5 sit ups?_____

How many students did sit ups?_____

How many students did more than 3 sit ups? _____

	Round to nearest 1,000	Round to nearest 100	Round to nearest 10
345,678			
114,243			

Which addition problem has a sum of about 1,400?

654 + 698   724 + 685

597 + 686   558 + 794

Count the change

Circle all of the rays.
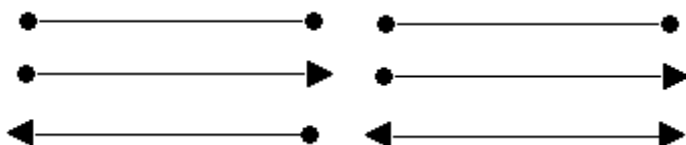
Show 6 ÷ 3 on the number line.

0 1 2 3 4 5 6 7 8 9 10
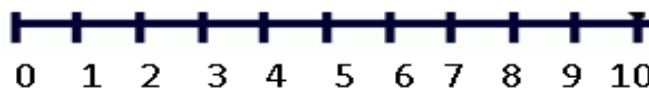
Nate saved $12 in June., he saved $15 in July and $28 in August. Nate then bought a baseball glove for $36. How much money does Nate have left?

Alanna needs 115 cupcakes for the class party. She bought 43 chocolate and 29 vanilla. How many more cupcakes does she need to buy?

Name:_____

4th 9 weeks Spiral Review
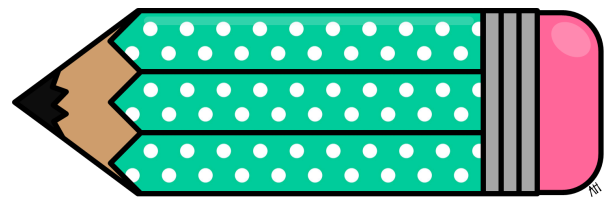
What are the chances the spinner will land on blue?
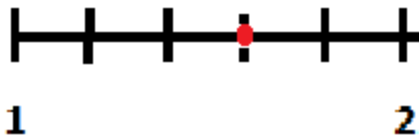
certain, likely, unlikely, impossible

What is the next number in the pattern?

42, 37, 32, 27, _____

Cake Flavor	Icing
Chocolate	Chocolate
White	Vanilla
Strawberry	Buttercream
	Strawberry

What are the all the possible cupcake flavors? _____

What is the fraction at the x?

1   2

Name the fraction of the set
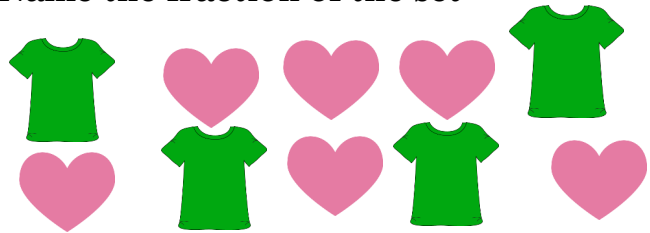
Ray ran 342 miles. Sara ran 476 miles. Joe ran 207 miles less than Ray and Sara combined. How many miles did Joe run?

4

12
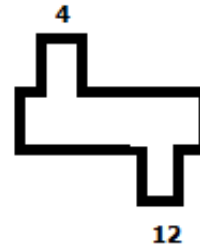
What is the rule for this number machine?

The table shows the socks found in a sock drawer. If I reach into the drawer what is the probability the sock will be red?

Socks in Drawer

White ……4

Blue………6

Red……….7

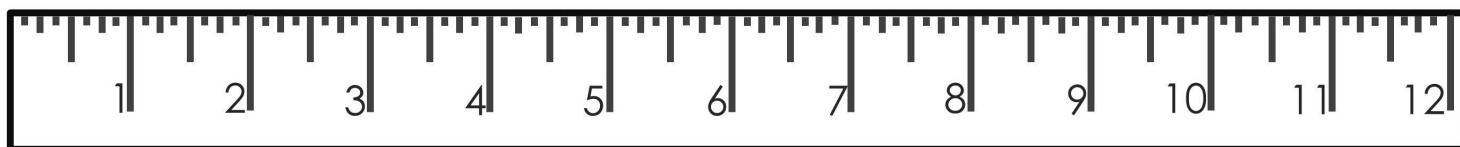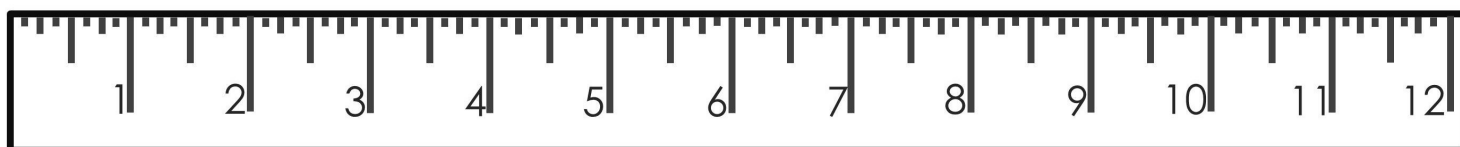| In `	Out
1	7
2	14
3	

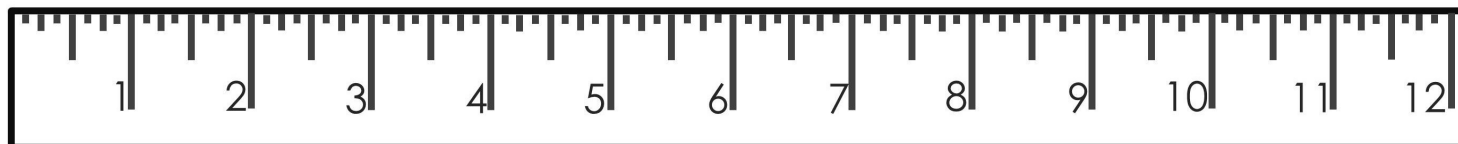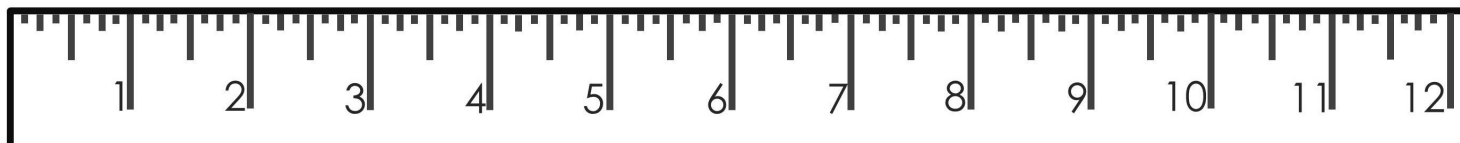What is the rule for this pattern table?

Fill in the blanks

What are the chances of picking a ball?

Measure It!

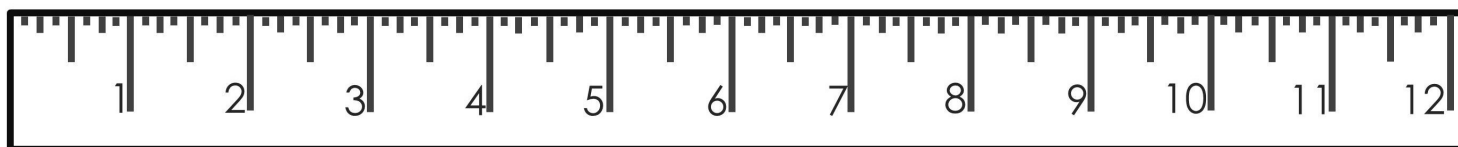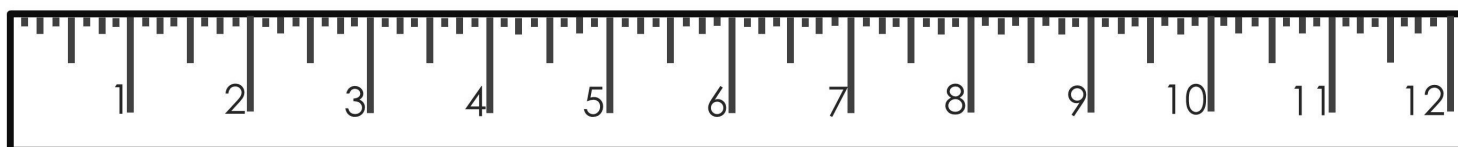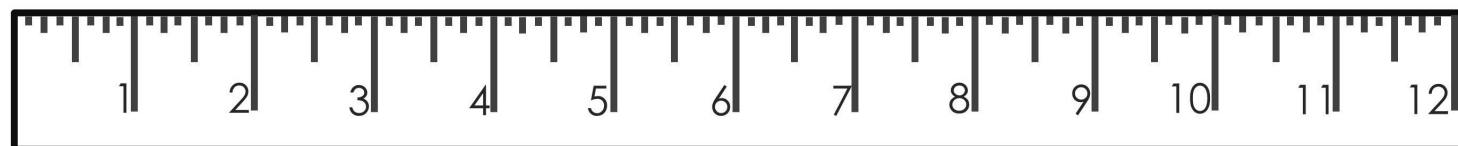**Measure each line to nearest inch.**

(ruler: 1 2 3 4 5 6 7 8 9 10 11 12)

(ruler: 1 2 3 4 5 6 7 8 9 10 11 12)

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(ruler: 1 2 3 4 5 6 7 8 9 10 11 12)

(ruler: 1 2 3 4 5 6 7 8 9 10 11 12)
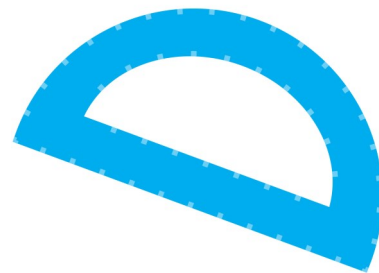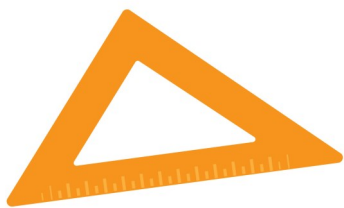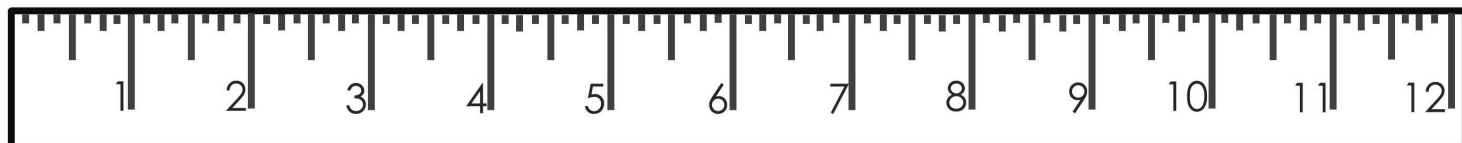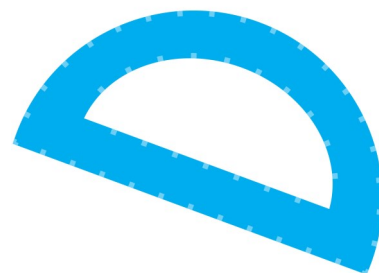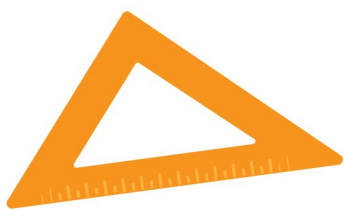
Measure It!

Measure each line to nearest half inch.

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

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

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

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

1	2	3	4	5	6	7	8	9	10	11	12
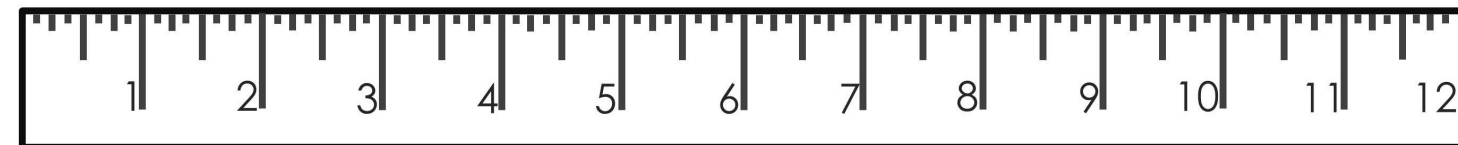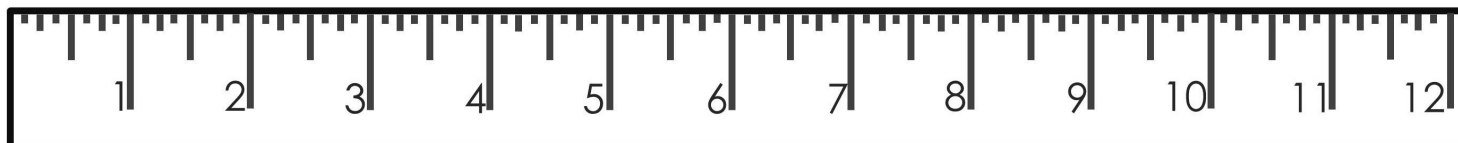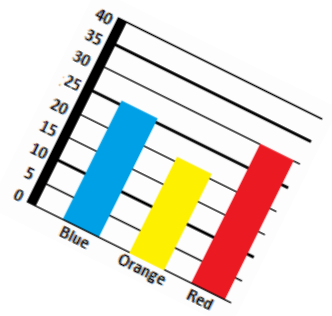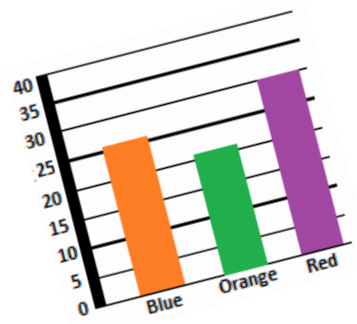
Graph It!

Graph the animals mass.

Mass of Pets in kg

Kilograms (kg)

| 20 |
| 18 |
| 16 |
| 14 |
| 12 |
| 10 |
| 8 |
| 6 |
| 4 |
| 2 |
| 0 |

Pets
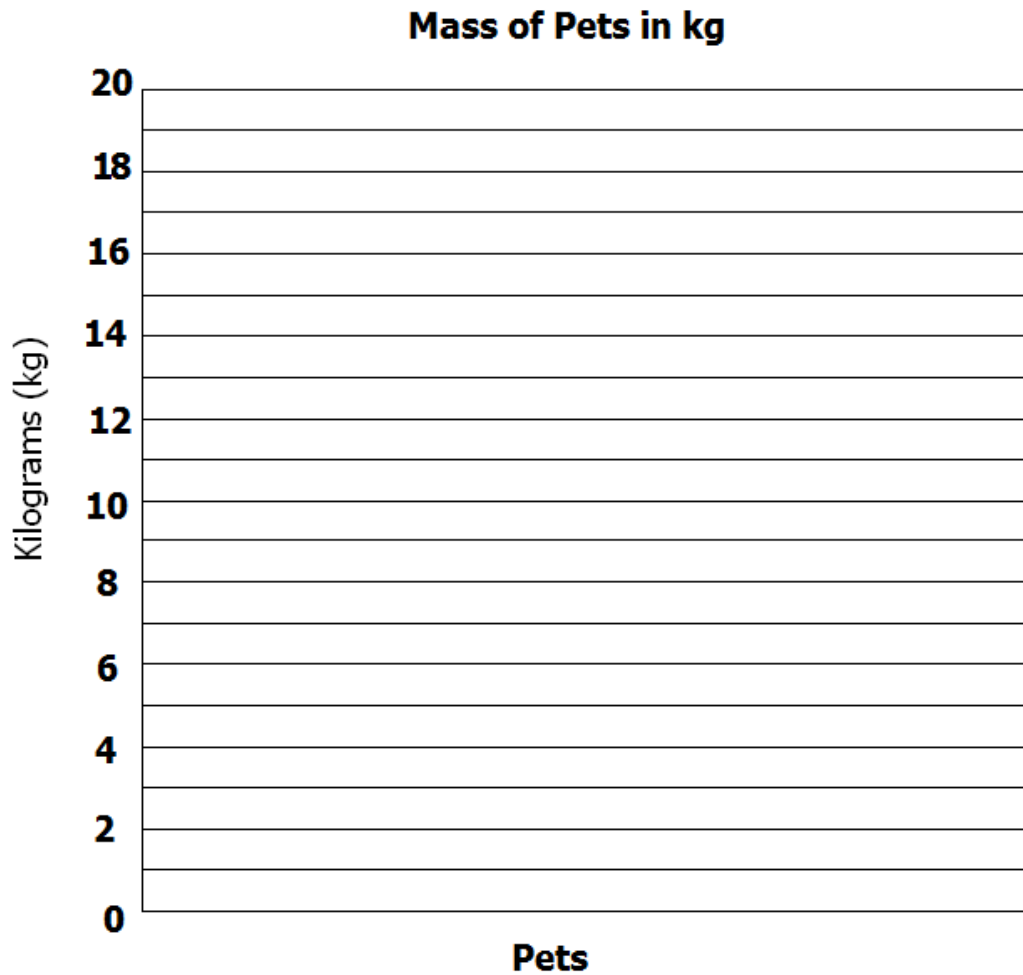
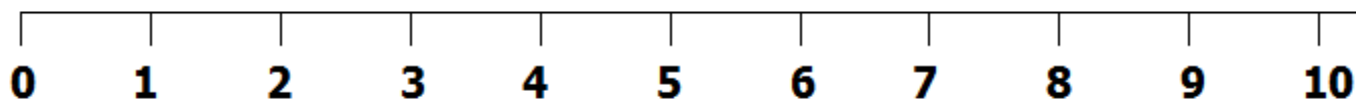| Pet	Mass
rabbit	3 kg
guinea pig	1 kg
cat	4 kg
dog	18 kg
turtle	2 kg
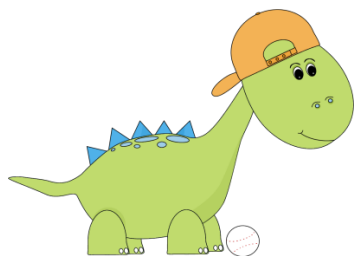
Plot it!

Using the data construct a line plot.

Plot the number of runs the Mud Dawgs baseball team scored this season.
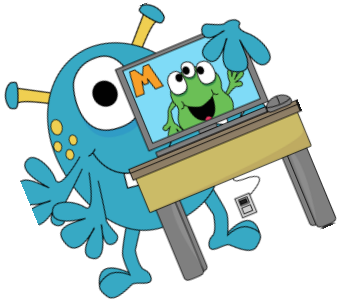
3,6,2,1,0,0,1,3,4,4,6,5,1,1,0,10,

```
 |    |    |    |    |    |    |    |    |    |    |
 0    1    2    3    4    5    6    7    8    9   10
```

X=_____

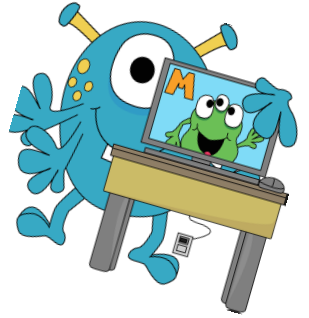**How many games did the team score more than 2 runs?_____**

How many games did the team score less than 5 runs?_____
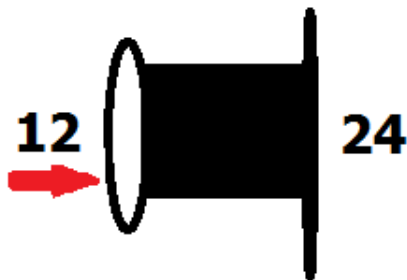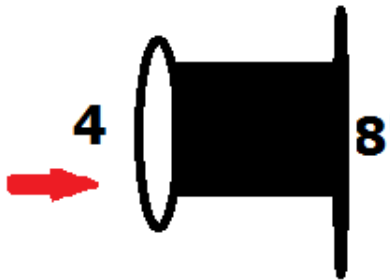
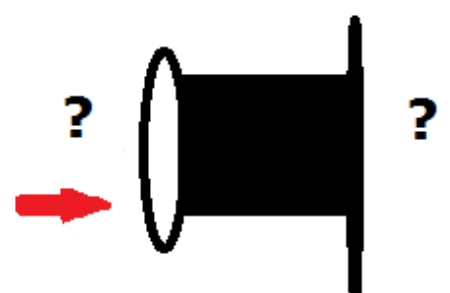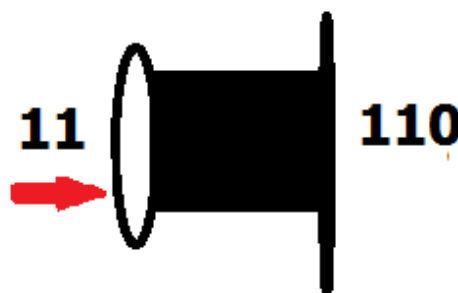**How many games did the team not score at all?_____**

In out Machine

Figure out the rule for each machine.

3 → 9

4 → 12

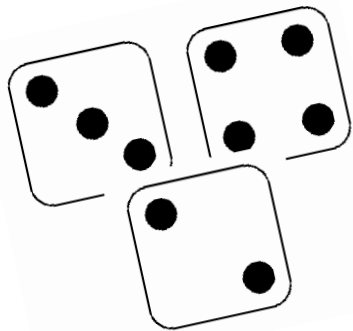5 → 15

Rule:_____
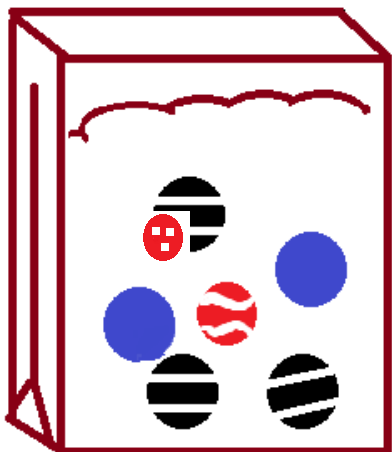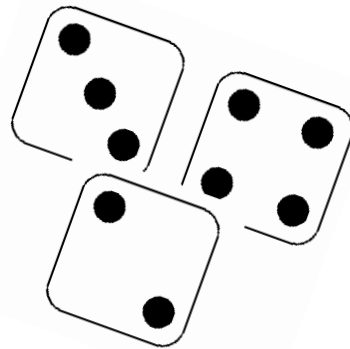
4 → 8

12 → 24

7 → 14

Rule:_____

6 → 60

11 → 110

? → ?
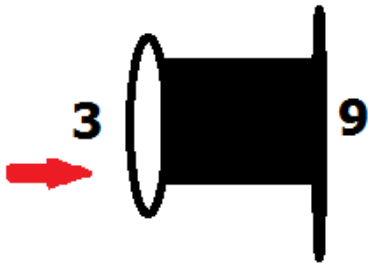
Rule:_____

Take a chance!

Use the bag of marbles to complete the questions.

What is the probability of picking a solid marble?

_____(likely, unlikely, certain, impossible)

_____ (fraction)

What is the probability of picking a striped marble?

_____(likely, unlikely, certain, impossible)

_____ (fraction)

What is the probability of picking a spotted marble?

_____(likely, unlikely, certain, impossible)

_____ (fraction)

Use the dart board to complete the questions.

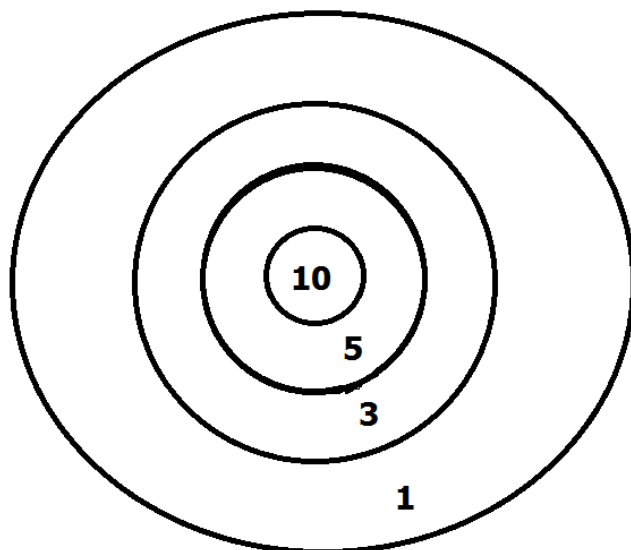What is the probability of the score being greater than one?

_____

(likely, unlikely, certain, impossible)

What is the probability of hitting 10?

_____

(likely, unlikely, certain, impossible)

What is the probability of hitting 2?

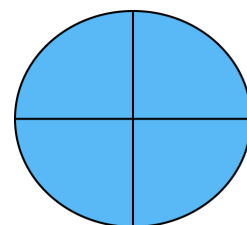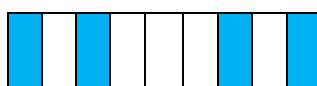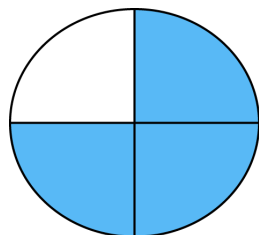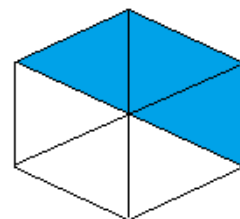_____(likely, unlikely, certain, impossible)

Fractions

Sort the fractions into the correct column.

Greater than one half	Equal to one half	Less than one half
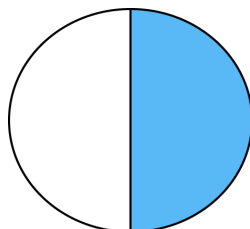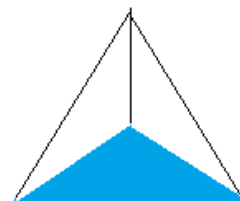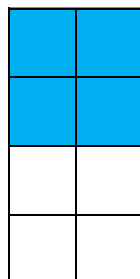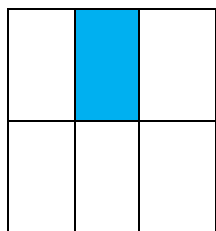
What's the rule?

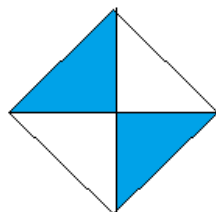### Find the rule for each box. Fill in the blanks

Rule:_____

IN	1	2	3	4
OUT	3	6	9	

Rule:_____

IN	1	2	3	4
OUT	5	10	15	

Rule:_____

IN	1	2	3	4
OUT	4	8	12	

Rule:_____

IN	18	28	32	38
OUT	6	16	20	

Rule:_____

IN	5	6	7	
OUT	40	48		64

Rule:_____

IN	OUT
11	4
18	11
24	17
33	

Rule:_____

IN	OUT
15	5
18	6
21	7
24	

Missing Digit

**Fill in the blank to make
the number sentence correct.**

9 + ____ =16   11—____ = 6

____ - 6 = 3   60 ÷ ____= 12   13 - 7 = ____

80 + ____= 100   8 x ____= 48   ____ x 3 = 27

4 + ____ = 7   25- ____= 13   4 x ____ = 32

17 - 9 = ____   6 + ____ = 58   110 ÷ ____ = 11

5 x ____ = 35   72 ÷ ____= 9   78 - ____ = 58

63 + ____ = 100   17 + ____ = 87   28 ÷ ___ = 4

9 x ___= 108   225 - ____ = 175   7 x ___ = 21