



## 2nd Grade, Week 1

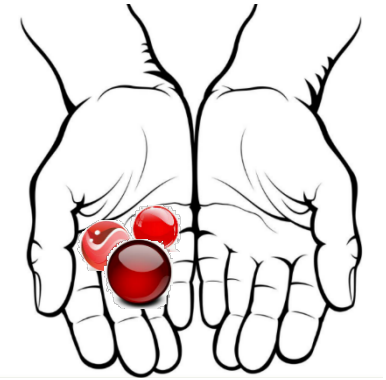
(Parents: Reading the problems to your child is ALWAYS okay. So is helping!)



I.1.

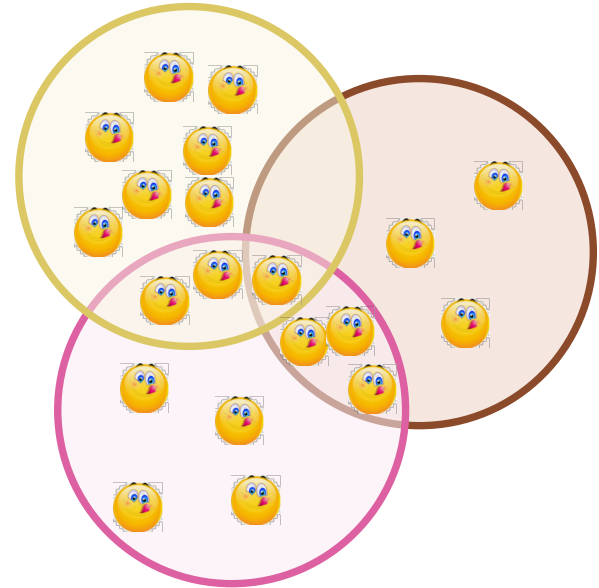
Andy found 3 red marbles and 5 green marbles. Draw circles in the other hand to make this number sentence true:

$$3 + 5 = 8$$



I.2.

Look at this drawing (Venn diagram). How many children like *both* chocolate and strawberry ice cream?



Answer: \_\_\_\_\_ 's



I.3.

Write the missing numbers:

(a) 48, 49, \_\_\_\_\_, 51, 52, \_\_\_\_\_, \_\_\_\_\_, 55

(b) 87, \_\_\_\_\_, 85, \_\_\_\_\_, \_\_\_\_\_, 82, 81

(c) 15, 20, \_\_\_\_\_, 30, 35, \_\_\_\_\_, \_\_\_\_\_

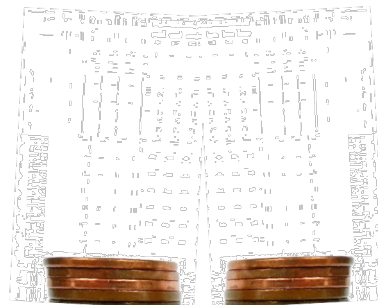


Name (Class): \_\_\_\_\_

★★★★★ I.4.

When Pedro counts his pennies, he likes to make two piles that are the same height. He has an EVEN number if her can make the piles the same height. If he can't, he has an ODD number of pennies.

Write "even" of "odd" beside each group of pennies using Pedro's method.



Same height: Even.

*Make piles of real pennies if it will help you decide.*

Number of pennies	Even or Odd?
6	
9	
14	
16	
22	

★★★★☆ I.5.

Use a calculator for this exercise. Push the buttons in order:



What number shows on the last = sign? \_\_\_\_\_

★★★☆☆ I.6.

Eight squirrels were in a tree. Half went to gather some nuts. How many squirrels were left in the tree?

Answer \_\_\_\_\_ squirrels





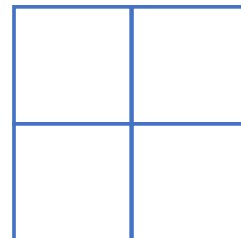
Name (Class): \_\_\_\_\_

## 2nd Grade, Week II



II.1.

How many squares in this picture?



Answer: \_\_\_\_\_ squares.



II.2.

How many different ways can you add two numbers from 1 through 9 to make 10?

(note:  $9 + 1 = 10$  and  $1 + 9 = 10$  count as two ways to make then)

It is useful to make a list:

_____ + _____	_____ + _____
_____ + _____	_____ + _____
_____ + _____	_____ + _____
_____ + _____	_____ + _____
_____ + _____	_____ + _____

Answer: \_\_\_\_\_ ways.



II.3.

You have 2 nickels and 3 pennies. You want to trade them for a quarter. How much more money do you need before you can trade fairly?



Answer: \_\_\_\_\_ ¢



Name (Class): \_\_\_\_\_



II.4.

On the line below, draw the shape that comes next in the pattern.



II.5.

Do these problems on your calculator. Write your answer in the box:

•  $27 + 54 + 75 + 403 =$

•  $385 - 76 + 541 =$

• 
$$\begin{array}{r} 372 \\ 54 \\ + 846 \\ \hline \end{array}$$



II.6.

Color this map using only 4 colors. No state can be the same color as one that touches it.





Name (Class): \_\_\_\_\_

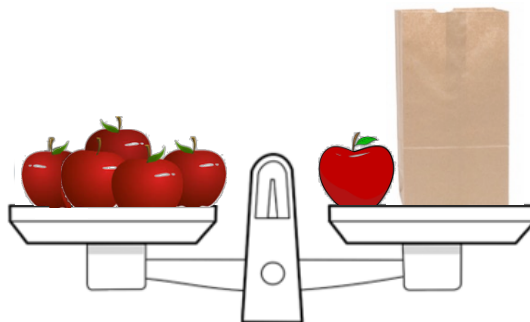
## 2nd Grade, Week III



III.1.

How many apples are in the paper bag? You may use counters to help.

*Note: the bag itself doesn't weigh anything.*



Answer: \_\_\_\_\_ apples.



III.2.

What number goes in the place hidden by the paint?

$$17 - \text{[paint]} = 9$$

Answer: \_\_\_\_\_ .



III.3.

(a) How many more games did the Hornets win than the eagles?

\_\_\_\_\_

(b) Which team won exactly 2 games more than another team?

\_\_\_\_\_

(c) Even out the 12 wins so that each team has the same number of wins as the other teams.

How many wins would each team have? \_\_\_\_\_

Hornets	
Pirates	
Eagles	
Bears	

= 1 game



Name (Class): \_\_\_\_\_



III.4.

Put the right number in each box to make true statements. Use a calculator if you need to.

a.  $67 - \square = 23$       b.  $28 + \square = 60$       c.  $\square - 16 = 36$



III.5.

You want to buy a jar of Apple Butter. How much will the Apple Butter cost if you use this coupon?



Answer: \_\_\_\_\_ .



III.6.

There are nine crayons in one box. If you had to give one crayon to each of the 29 students in your class, how many boxes would you have to buy?



Answer: \_\_\_\_\_ .



III.7.

All insects have 6 legs, and all frogs have 4 legs. Joey caught 2 insects and 3 baby frogs. How many legs are on all those creatures?



Answer: \_\_\_\_\_ .



Name (Class): \_\_\_\_\_

## 2nd Grade, Week IV

★★★★☆ IV.1.

I am thinking of two numbers.

- Their sum is 17
- One number is 5 more than the other.

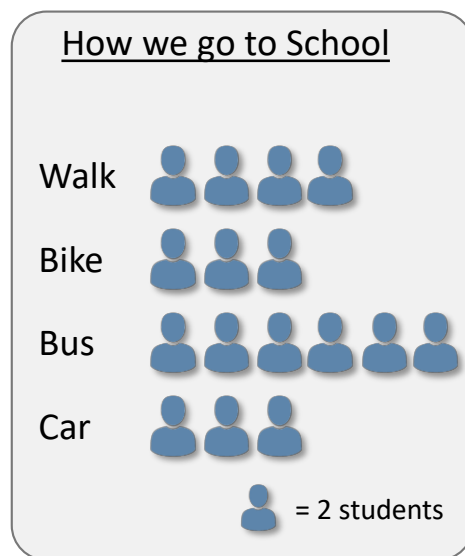
What are the two numbers?

Answer: \_\_\_\_\_ and \_\_\_\_\_

★★★★☆ IV.2.

Look at this graph and answer each question.

- How many students ride the bus? \_\_\_\_\_
- How many more students walk than ride in a car? \_\_\_\_\_
- Which two ways are used by the same number of students?  
\_\_\_\_\_ and \_\_\_\_\_



★★★★☆ IV.3.

The letters A, B, C and D each stand for a different single digit. Use the clues to find the digits.

Clues:

- C is greater than 1.
- C is an *odd* number.
- B and D are *even* numbers.

$$\begin{array}{r}
 C \ A \\
 + \ C \ B \\
 \hline
 D \ C
 \end{array}$$

What number does D stand for?

Answer: D = \_\_\_\_\_



Name (Class): \_\_\_\_\_



IV.4.

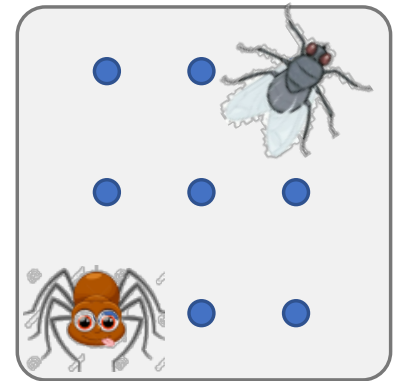
Kambro had 20 rabbits in one pen and 12 hamsters in another. He sold 4 rabbits and 7 hamsters. How many pets does he have left?

Answer: \_\_\_\_\_ pets.



IV.5.

Charley the spider can only move up (↑) or across (→) to get to the fly. How many paths altogether are there for Charley to get his meal?



Answer: There are \_\_\_\_\_ paths.



IV.6.

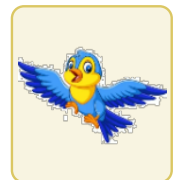
Nedra lost a tooth and got 25¢ from the tooth fairy that night. The next day, she bought one of the animal stickers with the 25¢ and got 2 coins back as change.



19¢



24¢



43¢



17¢



12¢

- Which animal sticker did she buy? \_\_\_\_\_
- What coins did she get back? \_\_\_\_\_ and \_\_\_\_\_





## 2nd Grade, Week V



V.1.

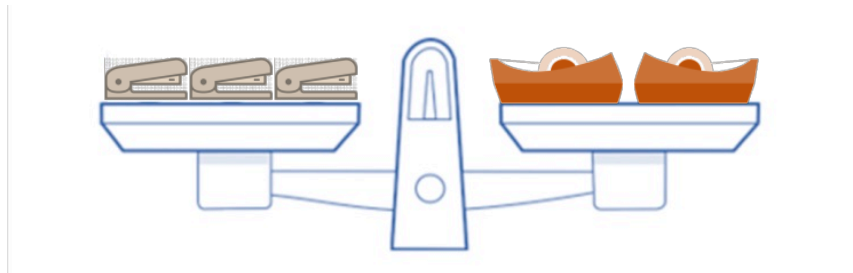
If November 8th is a Wednesday, what day of the week is November 16th?

Answer: \_\_\_\_\_



V.2.

Which weighs the most, a tape holder or a stapler?



Answer: The \_\_\_\_\_ is heavier.



V.3.

Nancy saw a car, a van, and a truck cross a bridge. The truck crossed the bridge after the van. The car crossed the bridge before the van. In what order did the car, the van, and the truck cross the bridge?



Answer: First \_\_\_\_\_,



Second \_\_\_\_\_,



Third \_\_\_\_\_.



V.4.

Write the numbers in the boxes to make true statements. Use a calculator if it helps.

a.  $46 - \square = 23$       b.  $18 + \square = 30$       c.  $\square - 14 = 24$



Name (Class): \_\_\_\_\_



V.5.

Takima gets home at 3:00. A half hour later, she can go play outside. Draw the hands on the clock to show when she can go play.

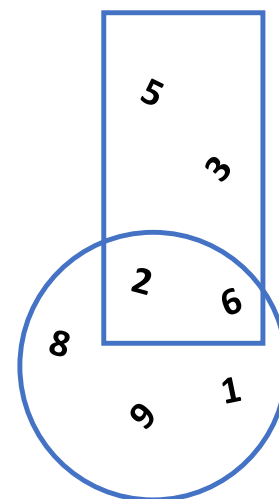


V.6.

What is the sum of the numbers *not* in the rectangle? \_\_\_\_\_

What is the sum of the numbers in *both* the rectangle and the circle? \_\_\_\_\_

What is the sum of the numbers *in* the rectangle but *not* in the circle? \_\_\_\_\_



V.7.

Sally has 79¢. She bought an apple for 20¢ and a balloon for 19¢. How much does she have left?

Answer: \_\_\_\_\_ ¢



V.8.

An apple at Foster Elementary School costs 95¢. About how much would it cost to eat one each day for a whole school week? Circle the answer below.

About \$2      About \$3      About \$4      About \$5





Name (Class): \_\_\_\_\_

## 2nd Grade, Week VI



VI.1.

Margo has nine eggs. She bought a dozen more and used a half-dozen of them. How many does she have left?



Answer: \_\_\_\_\_ eggs.



VI.2.

Find the two that come next in each pattern.

(a) B, D, F, H, J, \_\_\_\_\_, \_\_\_\_\_

(b)  \_\_\_\_\_

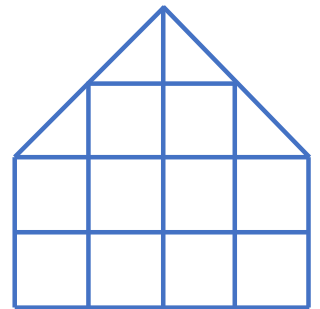
(c) 79, 74, 69, 64, 59, \_\_\_\_\_, \_\_\_\_\_



VI.3.

The area of a figure is the number of unit squares it would take to make the figure. What is the area of this figure using  $\square$  as the unit?

(Hint: don't forget to count the half squares too!)



Answer: \_\_\_\_\_  $\square$ 's.



VI.4.

It took Marie 10 minutes to saw a board into 2 pieces. If she works just as fast, how long will it take her to saw another board into 3 pieces?

Answer: \_\_\_\_\_ minutes.





Name (Class): \_\_\_\_\_



VI.5.

Annie, Baldwin, and Carl each wear a number on their shirts. The numbers are 34, 25, and 18. Use the clues. Find each child's number.

Clues:

- The boys wear *even* numbers on their shirts.
- The sum of the digits in Baldwin's number is 7.

Answer: Annie's number is: \_\_\_\_\_

Baldwin's number is: \_\_\_\_\_

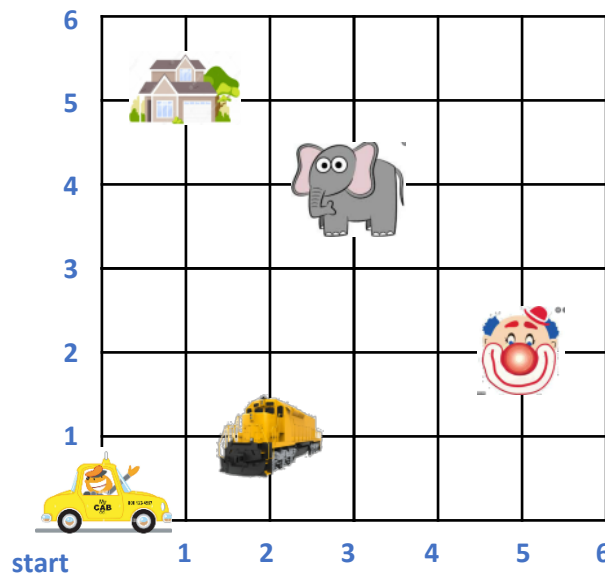
Carl's number is: \_\_\_\_\_



VI.6.

The taxi moves from *start* to another point by going east first, then north. It gets to the house by going 1 block east, and then 5 blocks north. Follow the taxi's path on your finger. The taxi driver secret code for the house is therefore (1, 5). Write the secret code for these places:

clown: ( \_\_ , \_\_ ) train: ( \_\_ , \_\_ ) elephant: ( \_\_ , \_\_ )





## 2nd Grade, Week VII



**VII.1.** Sandy needed some stickers to give to her friends. Look at the chart below. How much do 6 stickers cost?

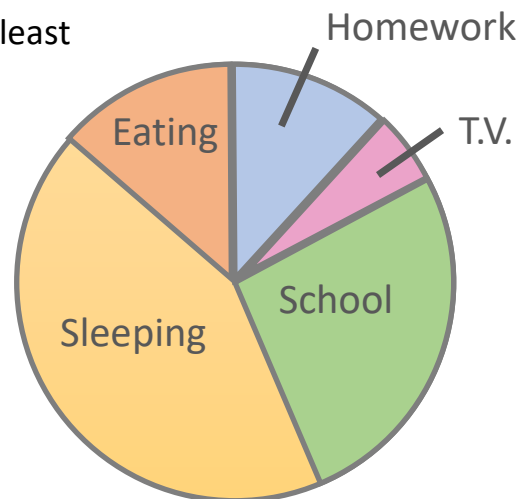
Number of stickers:	1	2	3	4	5	6
Cost:	15¢	30¢	45¢			

Answer: \_\_\_\_\_ ¢



**VII.2.** Look at this circle graph to help answer each question.

- What does Pablo spend the least time doing? \_\_\_\_\_
- What does Pablo spend the most time doing? \_\_\_\_\_
- Does Pablo spend more time eating, or watching TV? \_\_\_\_\_



**VII.3.** Choose the correct sign: >, =, or < to make this number sentence true. Then circle your answer.

$$16 + 12 \quad \boxed{?} \quad 23 + 4$$

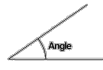
Answer: >   =   <

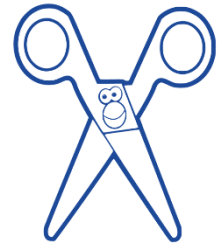


Name (Class): \_\_\_\_\_



VII.4.

Draw a circle around an *angle* (  ) in the scissors on the right.



VII.5.

Use a number only once. Do each step in order. Cross out the number when it is used.


- Two numbers whose sum is 3
- Two numbers whose sum is 8
- Two numbers whose sum is 12
- Two numbers whose sum is 15

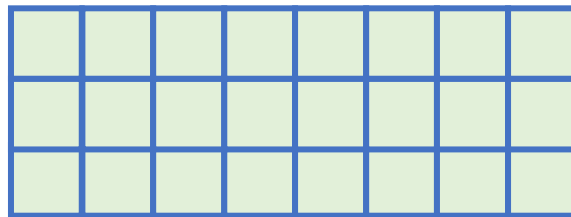
1	2	3
4	5	6
7	8	9

Circle the number left in the puzzle.



VII.6.

How many of these  would it take to cover the grid below?



Answer: \_\_\_\_\_



VII.7.

Circle the best estimate for the length of the mouse's tail:

- 5 centimeters
- 10 centimeters
- 2 centimeters
- 13 centimeters





Name (Class): \_\_\_\_\_

## 2nd Grade, Week VIII



VIII.1.

Look at the calendar. If today is September 21, how many Sundays have passed in his month?



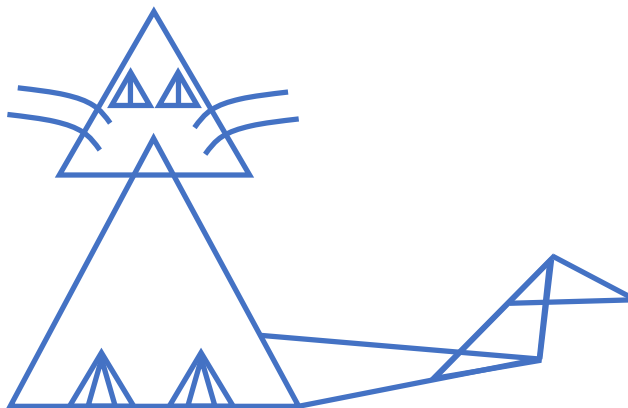
Answer: \_\_\_\_\_ Sundays.



VIII.2.

How many triangles are in the cat picture?

*Hint: Be careful .... There are more than 25!*



Answer: \_\_\_\_\_ triangles.



VIII.3.

Look at the pattern. Circle the letter under which the number 52 would go.

A	B	C	D	E
1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
.	.	.	.	.
.	.	.	.	.
.	.	.	.	.



Name (Class): \_\_\_\_\_

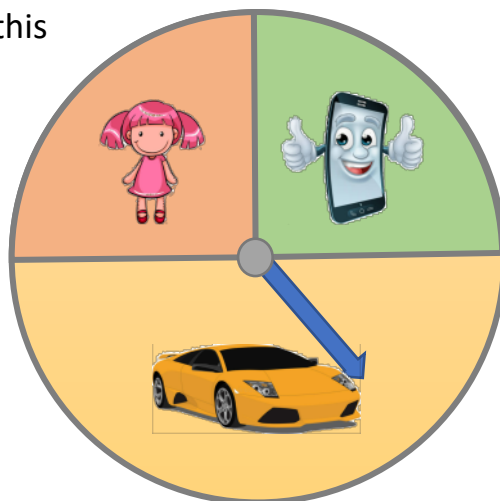


VIII.4. Find the numbers that go in the boxes.

$$\begin{array}{r}
 3 \square 5 \\
 - \quad 4 \square \\
 \hline
 \square 2 2
 \end{array}$$



VIII.5. David is going to spin the spinner for this game. What is the chance he will land on the telephone? Write the answer using a fraction.



Answer: \_\_\_\_\_

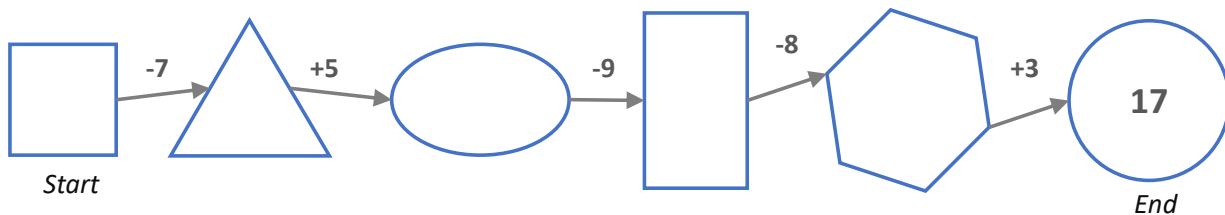


VIII.6. A fence has 6 poles from one end to the other. The poles are 10 feet apart. How long is the fence?

Answer: \_\_\_\_\_ feet



VIII.7. Write a number in each empty shape to complete the chain correctly.







Name (Class): \_\_\_\_\_

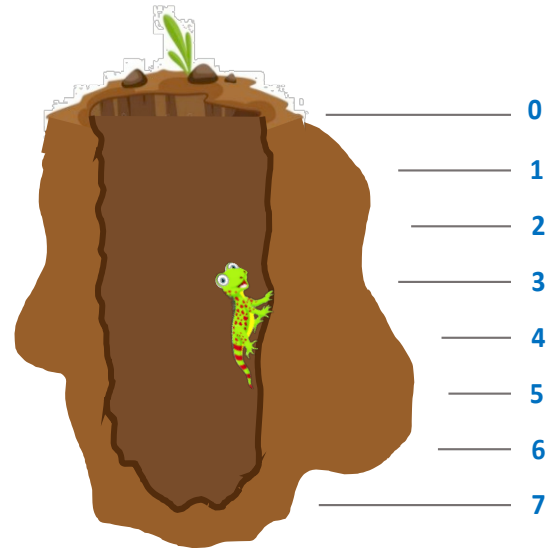
## 2nd Grade, Week IX



IX.1.

A lizard fell into a hole 7 feet deep. Each hour, the lizard crawled up 2 feet, but then stopped to rest and fell back 1 foot. Then he climbed again. How many hours did it take for the lizard to get out of the hole?

*Hint: draw a picture of the lizard's trip.*



Answer: \_\_\_\_\_ hours.



IX.2.

How much time did Howard spend watching T.V. on Saturday? Use the chart to help you.

### Howard's Saturday Schedule

Play outside	8:30 - 11:15
Watch T.V.	11:15 - 12:15
Eat lunch	12:15 - 12:30
Watch T.V.	12:30 - 1:30
Play outside	1:30 - 5:00
Eat dinner	5:00 - 5:30
Watch T.V.	5:30 - 7:30

Answer: \_\_\_\_\_ hours.



IX.3.

Ricardo earns \$2.50 each week for his allowance. How much will he have at the end of four weeks?

Answer: \_\_\_\_\_ hours.

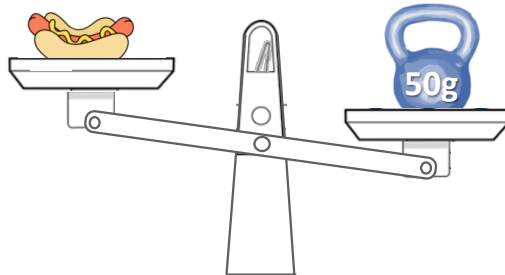


Name (Class): \_\_\_\_\_



IX.4.

What is the mass of the hot dog and bun? Circle your answer.



- 50 grams
- Less than 50 grams
- More than 50 grams



IX.5.

The pattern below repeats the same four figures. Draw the 15<sup>th</sup> figure in the pattern:

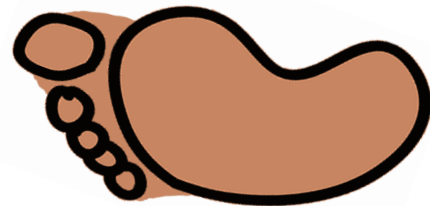


Answer: the 15<sup>th</sup> figure is:



IX.6.

Sam covered the baby's footprint with his thumb. About how many of Sam's thumb prints would it take to cover this foot shape?

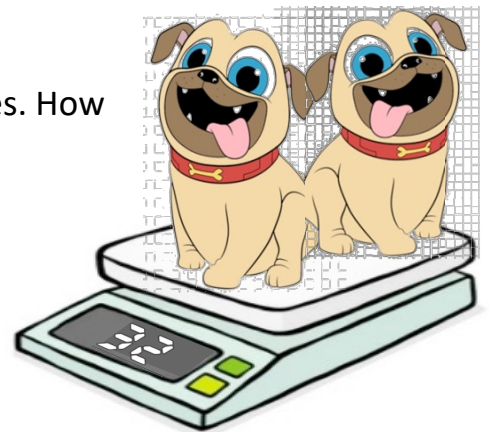


Answer: about \_\_\_\_\_ thumb prints.



IX.7.

Maria weighed her two identical puppies. How much did each puppy weigh?



Answer: \_\_\_\_\_ pounds.



Name (Class): \_\_\_\_\_

## 2nd Grade, Week X

★☆☆☆☆ X.1.

Vilma turned 16 years old in 1995. In what year was she born?

Answer: \_\_\_\_\_

★★★★☆ X.2.

Find a number greater than 6,285 and less than 6,582. Use these numbers:

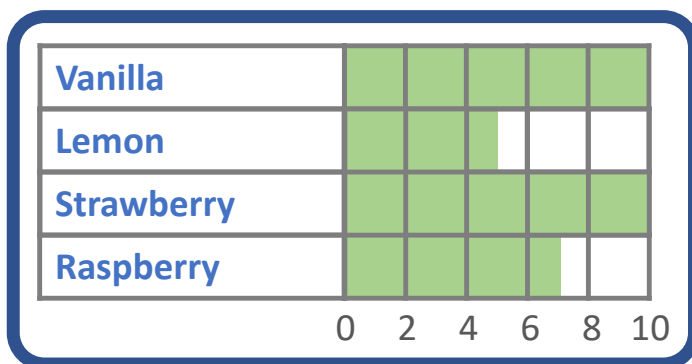


Answer: The number is \_\_\_\_\_

★★★☆☆ X.3.

Look at the graph. Answer both questions.

- How many like raspberry? \_\_\_\_\_
- How many like either lemon or strawberry? \_\_\_\_\_



★★★★☆ X.4.

I am thinking of two numbers that add to twenty-one. One number is 3 more than the other. What are my numbers.

Answer: \_\_\_\_\_ and \_\_\_\_\_

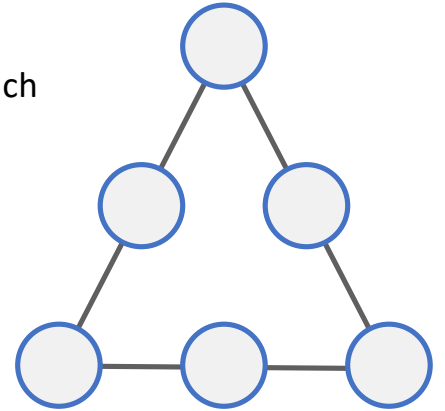


Name (Class): \_\_\_\_\_



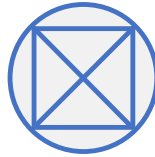
X.5.

Place 1, 2, 3, 4, 5, and 6 in the circles so each side of the triangle has the sum of 11.

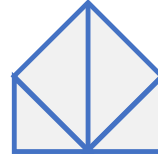


X.6.

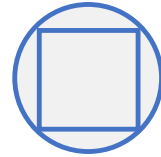
Which one of these shapes can be drawn without lifting your pencil or going over the same line twice? Circle it.



(a)



(b)

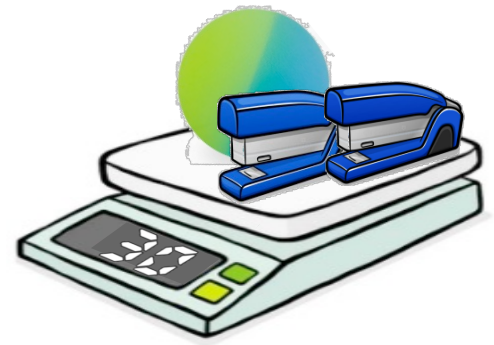


(c)



X.7.

How much does the ball weigh?



Answer: \_\_\_\_\_ grams.



X.8.

Henrique pressed the keys below on his calculator, but not in that order. He got the answer 23. What problem did he do?



Henrique's Problem: \_\_\_\_\_