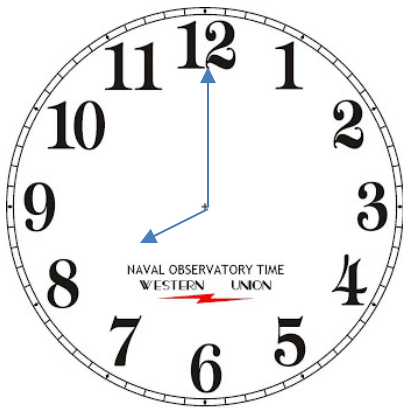


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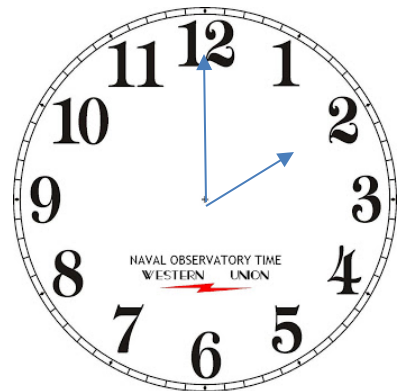
Date: _____

Study Guide for Unit 1 (1.1-1.5)



Tiffany L1 BT (Cern)

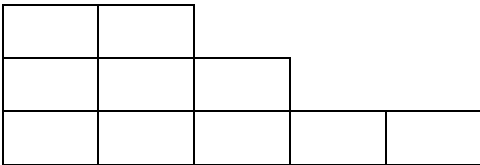
What time is it? _____



Tiffany L1 BT (Cern)

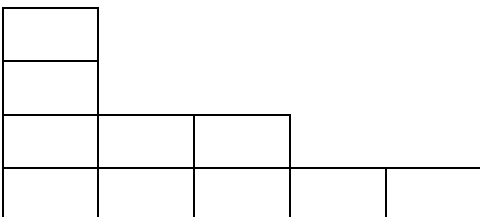
What time is it? _____

Use numbers to describe the arrangement of cubes.



_____ + _____ + _____ + _____ + _____

Use numbers to describe the arrangement of cubes.

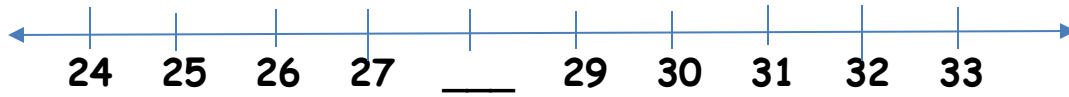


_____ + _____ + _____ + _____ + _____

Name: _____

Date: _____

What is the missing number on the number line?



What is the missing number on the number line?



Which number matches these clues? _____

My number is greater than 22.

My number is 10 less than 41

Which number matches these clues? _____

My number is less than 36.

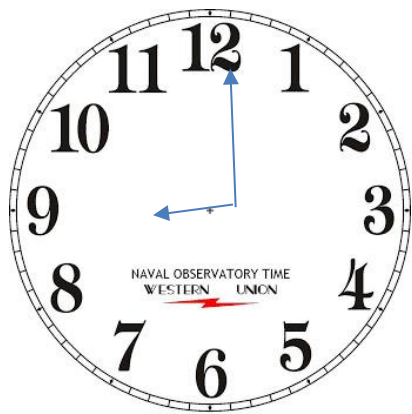
My number is 10 more than 19.

Solve.

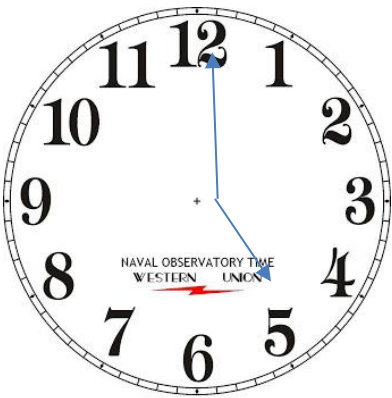
$3 + 4 =$ _____ $4 + 2 =$ _____ $5 + 3 =$ _____ $6 + 2 =$ _____

Name: _____ Date: _____

Study Guide for Unit 1 (2.1-2.4)



Tiffany Li BT (Dem)



Tiffany Li BT (Dem)

What time is it? _____

What time is it? _____

Write an addition and subtraction expression for 6.

Addition _____ Subtraction _____

Write an addition and subtraction expression for 7.

Addition _____ Subtraction _____

Tyler has 28 cookies. There are 19 students in his class.

Are there enough for the class?	Yes	or	No
Are there any extra? If so, how many? _____	Yes	or	No
Does he need more cookies? If so, how many? _____	Yes	or	No
How did you figure it out? Show your work.			

Name: _____ Date: _____

Circle the number combinations that do NOT make 10.

$5 + 3$

$4 + 4 + 2$

$6 + 1 + 4$

$2 + 2 + 2 + 2 + 2$

$9 + 2$

Write the missing numbers on the counting strips.

10	10	15	26
11	11	_____	27
12	12	17	28
13	_____	18	29
_____	14	19	_____
15	15	_____	31
16	16	21	32
_____	_____	22	33
18	18	23	_____



A penny is worth _____ ¢.

A nickel is worth _____ ¢.

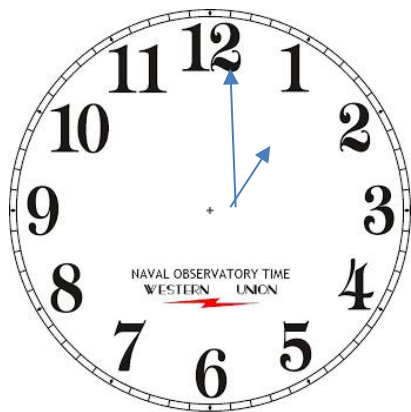


Name: _____ Date: _____

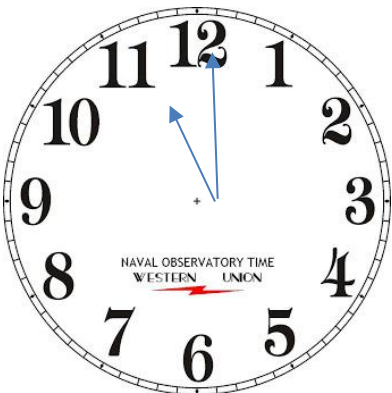
A dime is worth _____ ¢.

A quarter is worth _____ ¢.

Study Guide for Unit 1 (2.5-2.8)



Tiffany LI BT (Clem)



Tiffany LI BT (Clem)

Sam has 12 apples. There are 21 students in his class.

Are there enough for the class?	Yes	or	No
Are there any extra? If so, how many? _____	Yes	or	No
Does he need more apples? If so, how many? _____	Yes	or	No
How did you figure it out? Show your work.			

Write the missing numbers on the counting strips.

109	105	97	101
110	106	98	102
111	107	99	103
112	108	100	104
_____	_____	101	_____
_____	_____	102	_____
_____	_____	_____	_____
_____	_____	_____	_____

Name: _____ Date: _____

_____	_____	_____	_____
-------	-------	-------	-------

How many pennies is this coin worth?



How many pennies is this coin worth?



How many pennies is this coin worth?



What is the value of 3 dimes, 2 nickels,
And 2 pennies? _____



How many tally marks are there?

||||| || _____

How many tally marks are there?

||||| ||| _____

Today's Number is 9.

Show 3 different ways to make

Today's Number.

$$8 + 1 =$$

$$3 + 2 =$$

$$11 + 1 =$$

Name: _____ Date: _____

$$7 + 2 =$$

$$6 + 2 =$$

$$9 + 1 =$$

Unit 1 - 3.1-3.5 Study Guide

1. Circle the Plus 2 addition combination that has a sum of 6.

$5 + 2$

$3 + 2$

$4 + 2$

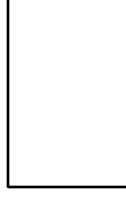
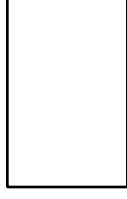
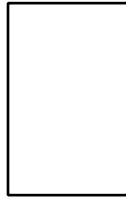
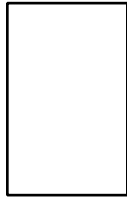
2. Circle the Plus 2 addition combination that has a sum of 10.

$6 + 2$

$8 + 2$

$10 + 2$

3. Which combinations make 10?



4. If you have the number 8 card, what number do you need to make 10? _____

5. If you have the number 5 card, what number do you need to make 10? _____

6. Show 2 ways to make 8. Write the numbers on the cards.

+

+

7. How many pockets are there on all the students? _____

Pockets	Students
0	3
1	4
2	3

8. Which number is just after 29? _____

9. Which number is just after 49? _____

10. Which number is just after 59? _____

11. How many pennies is this set worth? 8 16

12. 18 people want to go bowling. There are 9 pink balls and 12 green balls.
Are there enough bowling balls for everyone to get their own ball? _____

Show your work!

Name: _____

Date: _____

Study Guide for Unit 1 (4.1-4.5)

1. A toy store has 17 blue trucks and 12 red trucks. How many trucks are there in all?
2. Steven had 40 pennies. He spent 16 pennies to buy a toy truck. How much money does Steven have left?
3. There are 23 kittens at the pet store. During the day 8 of the kittens are bought. How many kittens are left at the pet store?

Name: _____

Date: _____

4. Our class had 29 space books in our library. We loaned 16 of them to another class. How many space books do we still have?

5. The teacher had 25 erasers. She bought 6 more erasers. How many erasers does she have now?

6. Sam has 19 pennies. Tiana has 28 pennies. How many pennies do they have in all?

Book 1- (4.6-4.9) Practice Guide

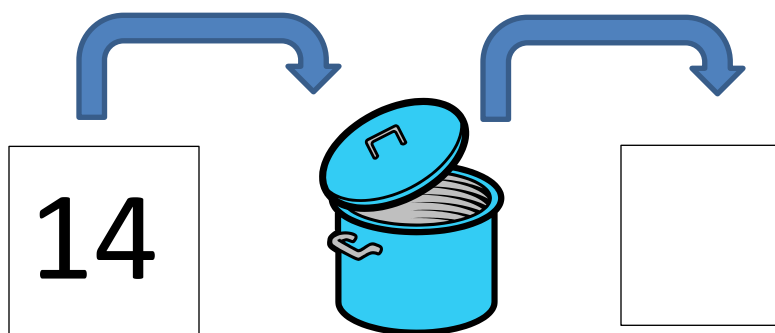
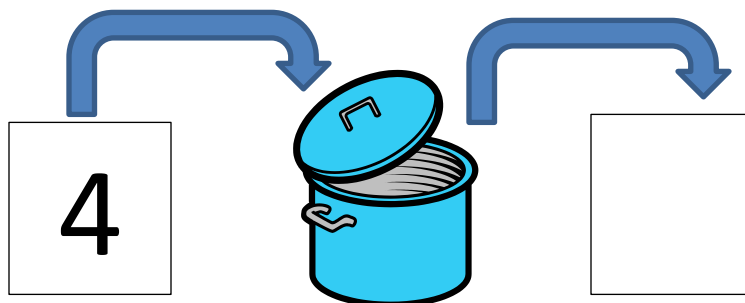
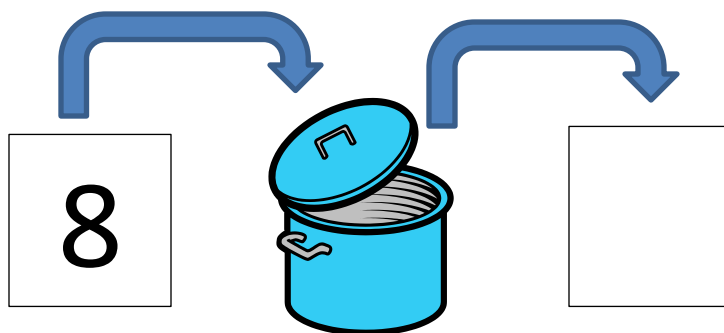
1. Write an equation to represent the array.

2. Write an equation to represent the array.

3. Write an equation to represent the array.

4. Write an equation to represent the array.

5. This is a doubles pot. Write the number that comes out.



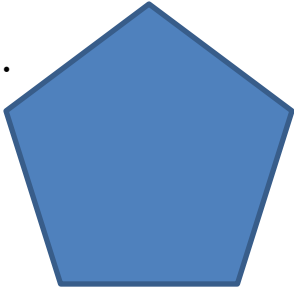
6. Molly has 8 oranges. Sally has double the number of oranges as Molly. How many oranges does Sally have?

Math Review Book 2- 2.6-2.10

Test Thursday

Name: _____ Date: _____

1.



Is this shape a rectangle? _____

Why or why not? _____

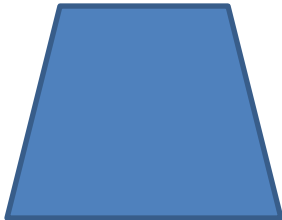
2.



Is this shape a rectangle? _____

Why or why not? _____

3.



Is this shape a rectangle? _____

Why or why not? _____

4. How many sides does a triangle have? _____

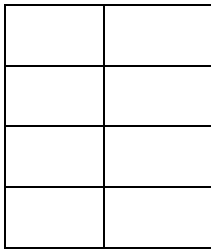
5. How many sides does a hexagon have? _____

6. How many sides does a rhombus have? _____

7. How many sides does a square have? _____

8. Draw a rectangle with 6 tiles.

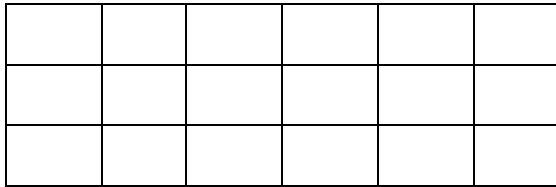
9.



This rectangle has:

How many rows? _____

How many columns? _____



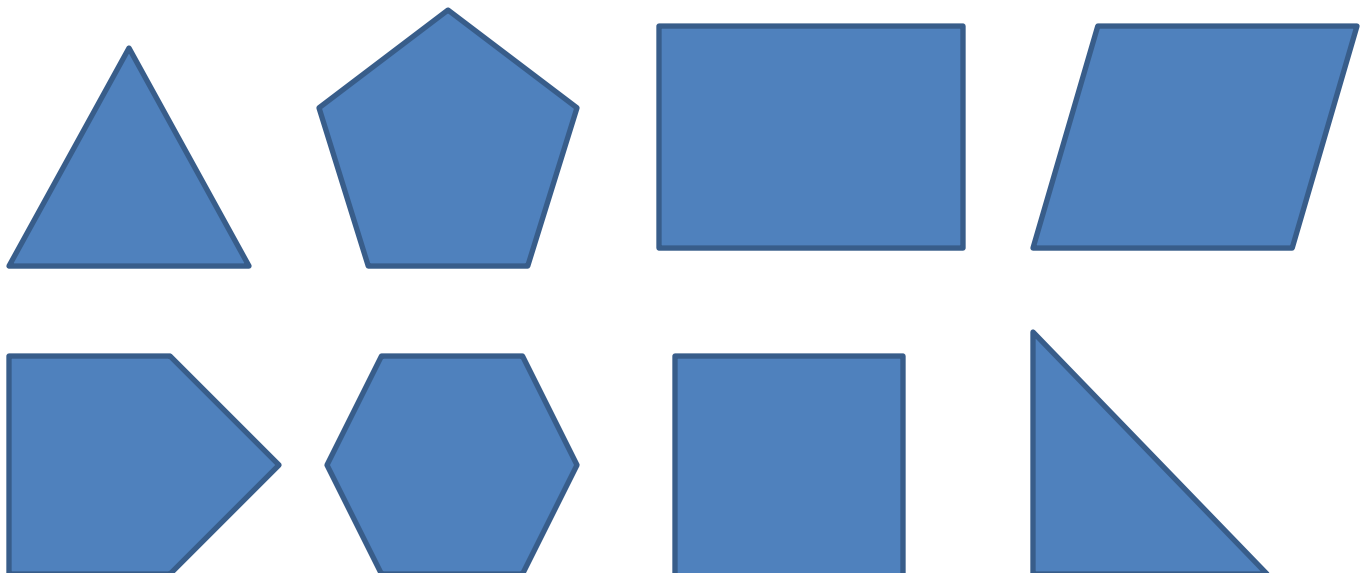
10. This rectangle has:

How many rows? _____

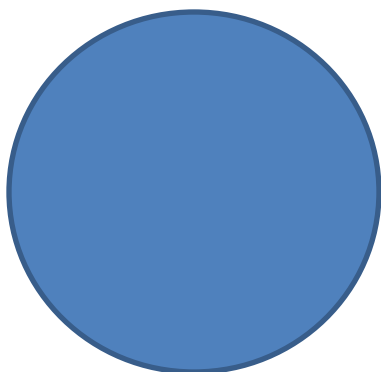
How many columns? _____

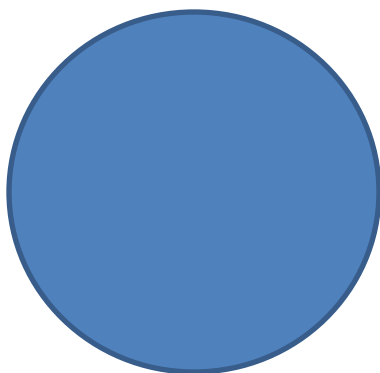
11. **Circle** the shapes that have right angles.

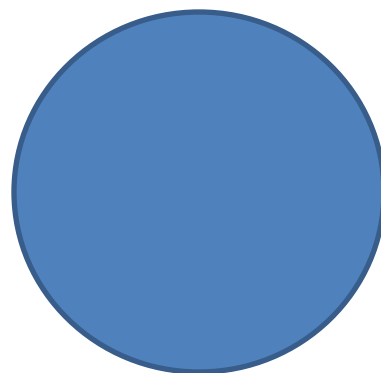
Underline the shapes that **DO NOT** have right angles.



12. What time is it?







13. Math Facts

$2 + 2 =$

$10 - 9 =$

$7 + 7 =$

$6 - 2 =$

$10 + 10 =$

$8 - 1 =$

$3 + 3 =$

$5 - 3 =$

$8 + 8 =$

$10 - 1 =$

$5 + 5 =$

$7 - 2 =$

$9 + 9 =$

$9 - 8 =$

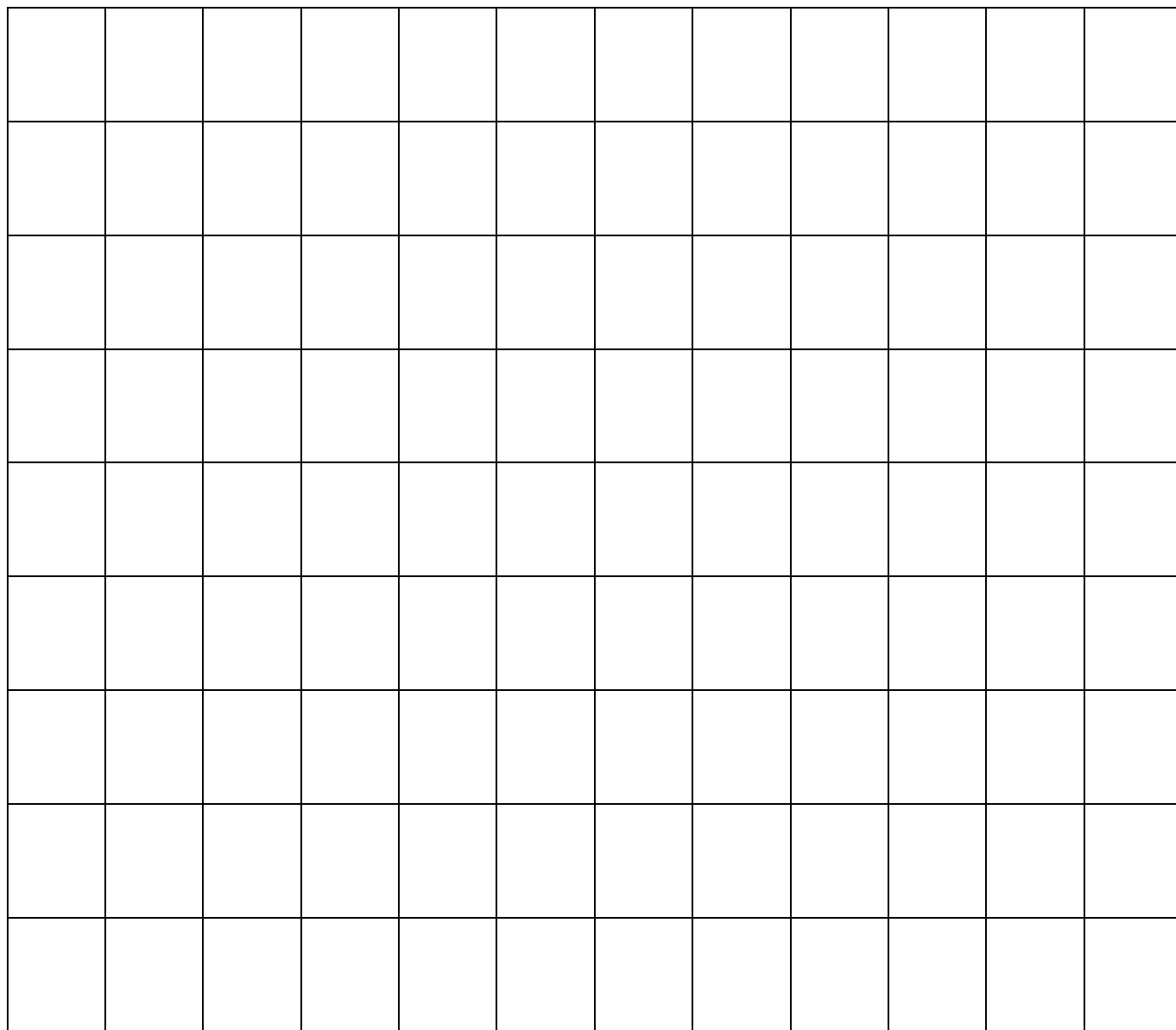
End of Unit 2 Study Guide (2.10A)

1. Make a rectangle using 8 tiles and draw it on the grid below.

					1.						

2. Describe your rectangle. Include how many rows and how many tiles are in each row.

3. Make a rectangle using 10 tiles and draw it on the grid below.



4. Describe your rectangle. Include how many rows and how many tiles are in each row.

5. Solve the Doubles Combinations:

$3 + 3 =$

$4 + 4 =$

$2 + 2 =$

$8 + 8 =$

$7 + 7 =$

$1 + 1 =$

$5 + 5 =$

$9 + 9 =$

$10 + 10 =$

$6 + 6 =$

6. Solve the subtraction facts:

$5 - 3 =$

$9 - 8 =$

$6 - 1 =$

$7 - 6 =$

$5 - 4 =$

$6 - 5 =$

$10 - 1 =$

$8 - 7 =$

$7 - 1 =$

$$8 - 6 =$$

$$5 - 1 =$$

$$9 - 2 =$$

$$10 - 5 =$$

$$4 - 3 =$$

$$6 - 4 =$$

Unit 3: 1.1-1.6 Study Guide

Name: _____ Date: _____

Pairs of 10

$9 + 1 = 10$

$8 + 2 = 10$

$7 + 3 = 10$

$6 + 4 = 10$

$5 + 5 = 10$

Practice making pairs of 10. Match the two numbers that make 10. Then write the expression on the line.

7	2	_____
5	1	_____
6	5	_____
9	3	_____
8	4	_____

Doubles

$1 + 1 = 2$

$2 + 2 = 4$

$3 + 3 = 6$

$4 + 4 = 8$

$5 + 5 = 10$

$6 + 6 = 12$

$7 + 7 = 14$

$8 + 8 = 16$

$9 + 9 = 18$

$10 + 10 = 20$

Practice the doubles facts to the side. Then cover them up and answer the doubles facts below without drawing pictures. Check your answers.

$4 + 4 =$

$9 + 9 =$

$2 + 2 =$

$1 + 1 =$

$8 + 8 =$

$7 + 7 =$

$3 + 3 =$

$5 + 5 =$

$10 + 10 =$

$6 + 6 =$

**Practice these addition strings by adding the doubles and/or pairs of 10 first.
Then make a new expression to add the remaining numbers.**

Example: $4 + 3 + 4 + 7 =$

$$9 + 2 + 1 =$$

$$6 + 1 + 1 + 4 =$$

$$5 + 2 + 5 + 8 =$$

$$7 + 5 + 7 + 5 + 1 =$$

$$6 + 9 + 1 + 6 =$$

$$3 + 5 + 7 =$$

Practice adding larger numbers.

$$10 + 8 + 13 =$$

$$20 + 10 + 11 =$$

$$7 + 10 + 12 + 10 =$$

Math Practice

Unit 3 2.1-2.3

Solve each problem. Write an equation and show your work.

1. Mary is collecting seashells. She has 24 shells. Her sister gave her 10 more shells. How many shells does she have now?
2. Daniel is collecting baseball cards. He has 27 cards. His father gave him 14 more cards. How many cards does he have now?
3. Sara has 15 stickers. Her friend Max gave her some more. Now Sara has 19 stickers. How many stickers did Max give her?
4. Chris has 23 toy cars. He gave some of them to his friend Steven. Now Chris has 16 cars. How many did Chris give to Steven?

Solve the number strings below by first looking for pairs that make 10 and doubles.

1. $4 + 3 + 7 + 4 =$

2. $5 + 2 + 5 + 8 =$

3. $1 + 6 + 6 + 9 =$

4. $4 + 3 + 6 + 3 =$

5. $5 + 7 + 7 + 5 =$

Math Study Guide

(Unit 3: 2.4- 2.7)

Solve each problem. Write an equation and show your work.

1. John saw 16 rabbits in the barn. Sam saw 12 rabbits in the field. How many rabbits did they see in all?
1. Jill and Tommy are playing Cover Up. They start with 18 counters. Jill hides 9 under a piece of paper. How many are NOT under the paper?
2. Tara has 34 grapes. She gave Mary 13 of them. How many grapes does Tara have now?
3. Mrs. Buck has 21 markers. She gives out 12 of them. How many markers does she have left?
4. Our class went on a trip to the pumpkin patch. There were 18 children and 8 adults on the trip. How many people went on the trip?

5. Bob has 24 bouncy balls. His sister gave him some more. Now Bob has 31 bouncy balls. How many balls did his sister give him?

6. There were 32 children at the roller rink. Some of the children left the roller rink. Now there are 13 children. How many children left the roller rink?

Find the missing numbers to each equation.

1. $6 + \underline{\quad} = 14$

2. $\underline{\quad} + 8 = 12$

3. $9 - \underline{\quad} = 2$

4. $12 - \underline{\quad} = 6$

5. $7 + \underline{\quad} = 10$

Name: _____

Date: _____

Math Practice for Unit 3- 3.1-3.3 Assessment

Circle the even numbers red. Circle the odd numbers blue.

21 30 25 13 29 8 12

Circle the numbers that will make 2 equal teams?

11 16 10 8 19 15 17

Which fact shows that 12 is an even number and can be divided into equal groups?

$10 + 2$ $6 + 6$ $8 + 4$ $11 + 1$

Which fact shows that 18 is an even number and can be divided into equal groups?

$9 + 9$ $10 + 8$ $7 + 11$ $5 + 13$

If there were 15 students in the class, could everyone have a partner? _____

If there were 18 students in the class, could everyone have a partner? _____

Name: _____

Date: _____

In the number 312, which digit will help you decide whether or not 312 is even or odd?

- a) the 3 hundreds
- b) the 1 tens
- c) the 2 ones

In the number 635, which digit will help you decide whether or not 635, is even or odd?

- a) the 6 hundreds
- b) the 3 tens
- c) the 5 ones

Which numbers are odd or even?

10 _____

18 _____

13 _____

21 _____

7 _____

26 _____

15 _____

Math Study Guide (Book 3, 3.4-3.7)

Solve each problem. Show your work.

1. There are 11 people in the room. How many ears are in the room?

2. There are 9 people raising their hands to answer a question. How many fingers are on the raised hands?

3. There are 8 people in a shoe store. How many toes are in the shoe store?

4. There are 5 dogs at the park. How many dog legs are in the park?

5. There are 8 people in the gym. How many eyes are in the gym?

6. A basketball game needs two equal teams. Which number will make 2 equal teams.
a) 17 b) 11 c) 14

7. Which number is NOT odd?
a) 43 b) 37 c) 30

Math Study Guide (Book 3, 3.4-3.7)

8. Which shows numbers you say when you count by 2's?
- a) 10, 20, 30, 40, 50
 - b) 20, 25, 30, 35, 40
 - c) 12, 14, 16, 18, 20
9. Which shows numbers you say when you count by 10's?
- a) 5, 10, 15, 20, 25
 - b) 30, 40, 50, 60, 70
 - c) 10, 11, 12, 13, 14

Each Cube Train has 5 cubes.

--	--	--	--	--

10. If there are 15 cubes, how many cube trains can you make? _____
11. If there are 20 cubes, how many cube trains can you make? _____
12. If there are 50 cubes, how many cube trains can you make? _____

13. Count by 5's from 0-45 and write them in the boxes.

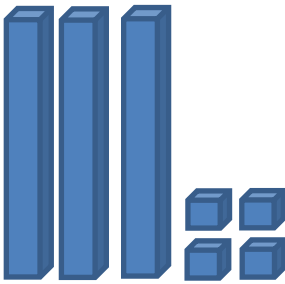
Math Study Guide (Book 3, 4.1-4.6)

Solve each problem. Show your work.

1. How many pennies can you trade for a dime?
2. Abigail has 52 pennies. If she trades the pennies for as many dimes as she can, how many dimes will she have?
3. Deandre has 31 pennies. If he trades the pennies for as many dimes as he can, how many dimes will he have?
4. Marceuna has 3 dimes and 4 pennies in his pocket. How much money does she have? _____
5. Minesha has 6 dimes and 1 penny in his pocket. How much money does she have? _____
6. How many groups of ten are in 23? _____ How many ones are left over? _____
7. Which tells about the number 37?
 - a) 3 tens and 7 ones
 - b) 37 tens
 - c) 7 tens and 3 ones
8. Which tells about the number 81?
 - a) 1 tens and 8 ones
 - b) 81 tens
 - c) 8 tens and 1 ones or 81 ones

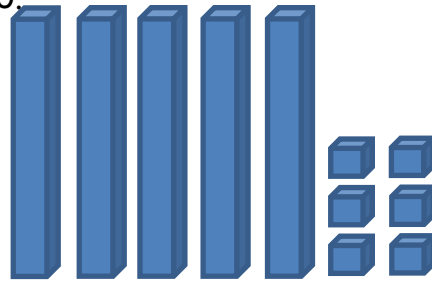
Math Study Guide (Book 3, 4.1-4.6)

9.



How many total cubes are there? _____

10.



How many total cubes are there? _____

11. Show the number 38 using strips of 10 and singles.

12. Show the number 29 using strips of 10 and singles.

13. I have 33 total cubes.

How many towers of 10? _____

How many leftovers? _____

14. I have 90 total cubes.

How many towers of 10? _____

How many leftovers? _____

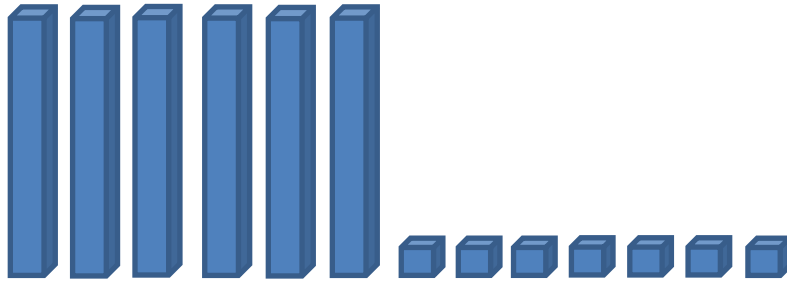
15. Bra'Niya has 3 towers of 10 connecting cubes and 2 single cubes. How many total cubes does Abigail have? _____

16. Deandre has 4 towers of 10 connecting cubes and 5 single cubes. How many total cubes does Deandre have? _____

17. Valerie has 1 tower of 10 connecting cubes and 8 singles cubes. How many total cubes does she have? _____

Math Study Guide (Book 3, 4.1-4.6)

18. Choose the equation that matches the picture.



- a) $60 + 7 = 67$
- b) $6 + 7 = 67$
- c) $60 + 70 = 130$
- d) $6 + 70 = 76$

19. Show 36 using strips of 10 and singles. Write an equation to represent your picture.

Picture:

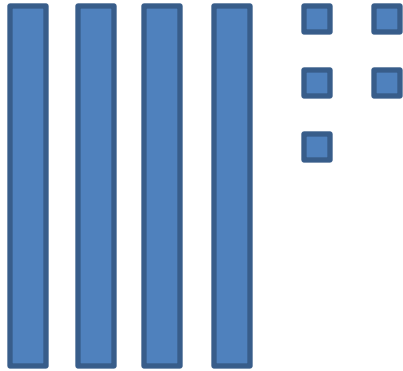
Equation:

Name: _____

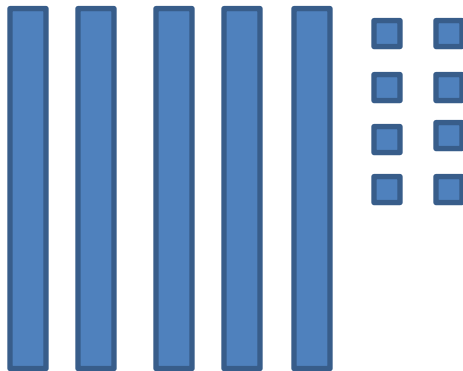
Date: _____

Math Practice for Unit 4- 1.1-1.7 Assessment

1. How many stickers are there? _____



2. How many stickers are there? _____



3. Show 32 stickers using strips of 10 and singles.

Name: _____

Date: _____

Max asked his classmates if they had brothers and sisters. Here is the data:

Sam- brothers

Tim- sisters

Dylan- none

Kara- both

Max- both

Valerie- both

Tyler- both

Sue- none

Chris- brothers

Mary- sister

Sarah- both

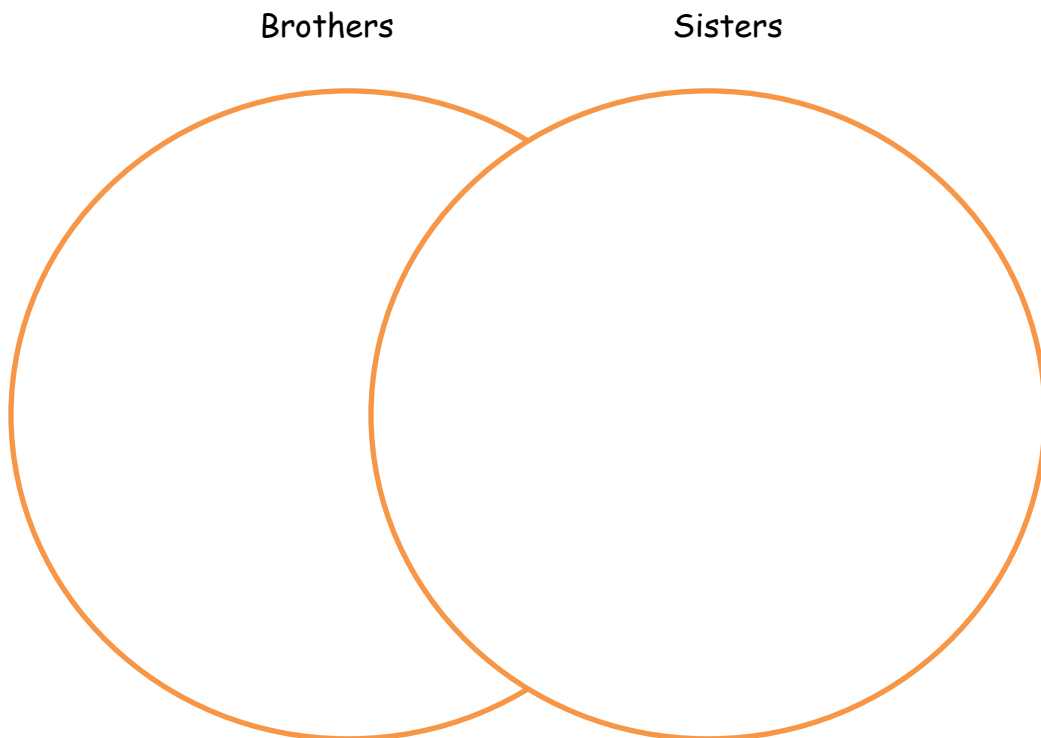
Abigail- sister

Mark- sister

Cindy- brothers

Deandre- sisters

Use the Venn diagram to organize the data Max collected.



How many classmates had brothers? _____

How many classmates had sisters? _____

How many classmates had both brothers and sisters? _____

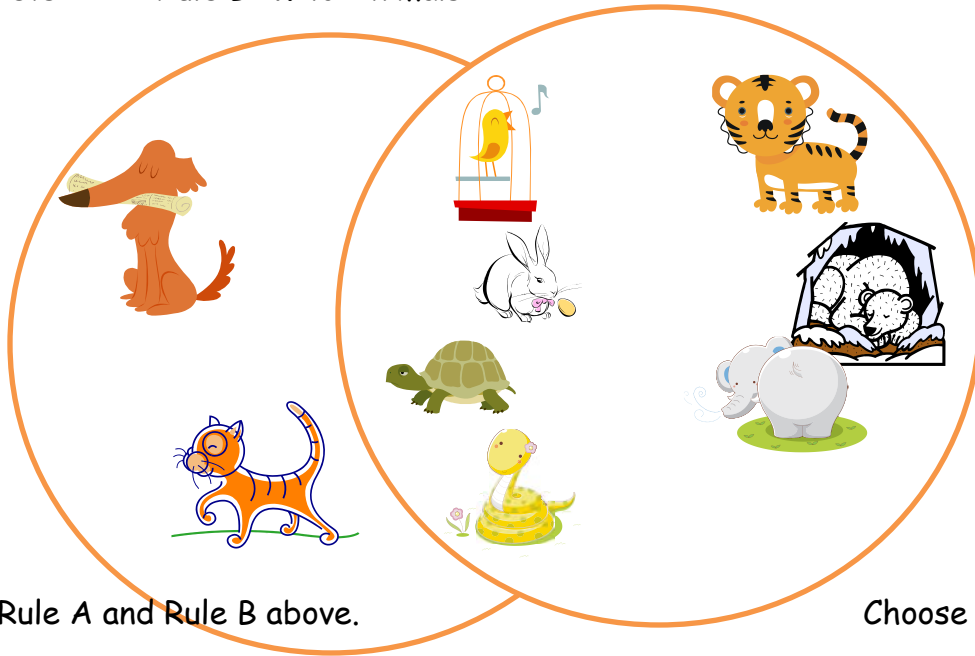
How many did not have any brothers or sisters? _____

Name: _____

Date: _____

Rule A: Pets

Rule B: Wild Animals



Look at Rule A and Rule B above.
correct answer.

Choose the

Which animal fits Rule A?



Which animal fits Rule B?



Which animal fits both rules?



Name: _____

Date: _____

Mary asked her class: What is your favorite subject?

Reading, Math, Writing, Science, Social Studies

She collected the following data:

Reading: Math: Writing: Science:

Social Studies:

Use the data above to complete the bar graph.

Title: _____

Reading Math Writing Science Social St.

How many total students participated in Mary's survey? _____

Name: _____

Date: _____

Math Practice for Unit 4- 2.1-2.8 Assessment

Create a line plot using the following data.

Sam asked his class how many pencils each person had in their desk. Here are the answers he received.

Max- 3	Sarah- 7	Tyler- 3
Mary- 8	Alex- 4	Amy- 2
Tom- 1	Jim- 0	Clark- 3
Sue- 9	Tom- 5	Tara- 2
Claire- 3	Bill- 4	Chris- 4
Kerry- 5	Melissa- 2	Eric- 6

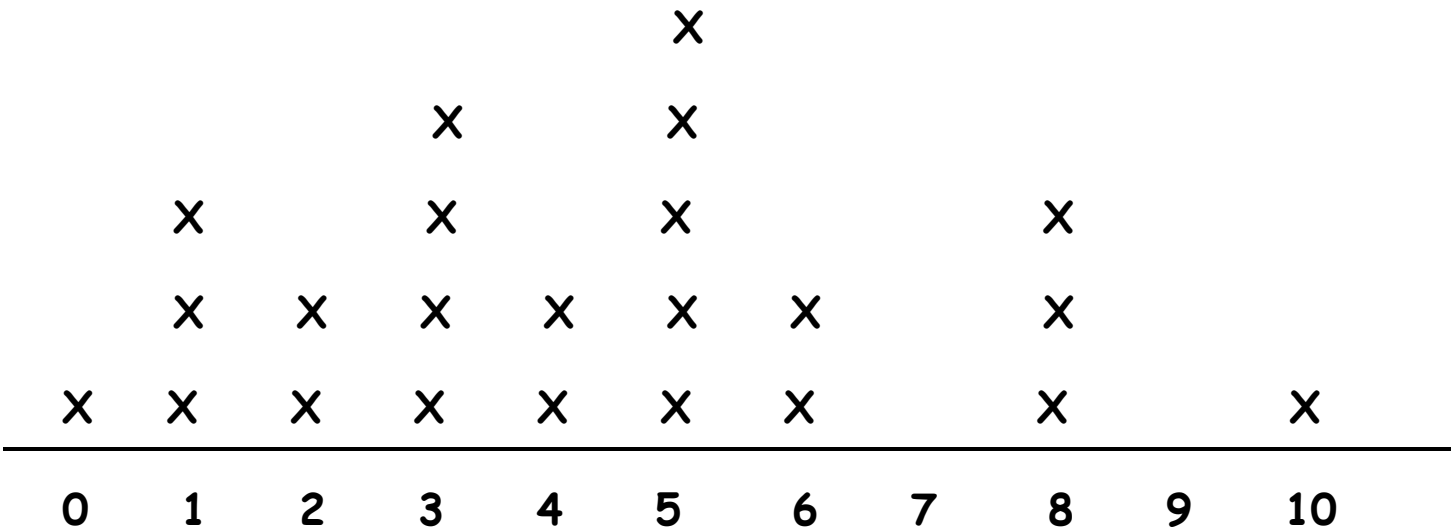
0 1 2 3 4 5 6 7 8 9 10

Name: _____

Date: _____

A group of students were asked how many pockets they have. The line plot shows their answers.

How Many Pockets?



Use the line plot to find the answer.

1. What is the most common number of pockets? _____
2. How many students have 4 pockets? _____
3. How many students have 8 pockets? _____
4. How many students in the class have more than 3 pockets? _____
5. How many students in the class have less than 3 pockets? _____
6. What is the fewest number of pockets a student has in the group? _____
7. What is the greatest number of pockets a student has? _____

Jack earned 25 points on his video game Saturday. He played again on Tuesday and earned another 16 points. How many points does he have now?

Solve the problem. Write an equation. Show your work.

Name: _____ Date: _____

Math Practice for Unit 5- 1.1- 1.5 Assessment

Dylan is buying packages of toy cars. The table shows the number of toy cars in 1, 2, and 3 packages.

Number of Packages	Number of Toy Cars
1	4
2	8
3	12

- 1. How many toy cars are in 2 packages? _____
- 2. How many packages will have a total of 12 toy cars? _____
- 3. How many toy cars will be in 5 packages? _____
- 4. What is the counting pattern?
 - a) I am counting by 2's b) I am counting by 3's c) I am counting by 4's

Shapes review: A pentagon has 5 sides and 5 corners.



A hexagon has 6 sides and 6 corners.



Marisa is collecting hexagons. She will put a circle on each corner of the hexagon.

Complete the table.



Number of Hexagons	Total Number of Circles
1	6
2	
	18
4	
	30

Name: _____ Date: _____

10	
----	--

How did you know the total number of circles for 10 hexagons?

Draw a floor plan for a cube building with 7 rooms on a floor. Then fill in the table with the missing information.

Total Number of Floors	Total Number of Rooms
1	7
2	
	21
4	28

10	
----	--

As the total number of floors increase, the total number of rooms (increase, decrease).

What is the pattern on this table?

They are counting by _____ or adding _____ more each time a floor is added.

Math Practice for Unit 5- 2.3-2.5 Assessment

Mrs. Baker is giving George 10 pennies for every dime in his piggy bank.

1. Fill in the table to find how many pennies George will get for 8 dimes.

Number of Dimes	Total Number of Pennies
1	10
2	
3	
4	
5	
6	
7	
8	

1. If George has 12 dimes, how many pennies would he get? _____
How do you know? _____

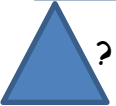
Look at this pattern and use it to answer the questions.



2. If the pattern continues, which shapes will be 10th and 11th? _____

3. What is the unit that repeats in this pattern?



4. What number will be under the next ? _____

5. Draw the 12th shape. How do you know? _____

6. Color a **red- red- green- blue** pattern on the number strip and answer the questions.



1. What color is the 7th cube? _____
2. What color is the 10th cube? _____
3. If you kept the pattern going, what number would the next **blue** cube be? _____
4. Write the numbers matched with blue cubes. Keep going until you get to at least 40.
5. Write one thing you notice about the number pattern in Problem 4.

Solve.

$12-10=$

$13-10=$

$15-5=$

$16-10=$

$12-2=$

$13-3=$

$17-10=$

$14-4=$

$15-10=$

Name: _____

Date: _____

Math Practice for Unit 6- Investigation 1

1. How many stickers are there? _____

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--	--	--

--	--

2. $10 + 10 + 10 + 4 + 1 =$

3. $10 + 6 + 4 + 10 =$

4. David had 35 car stickers. He gave 10 to his friend and 10 to his cousin. How many stickers did David have left? _____

5. Carol had 43 heart stickers. She bought 2 more strips of ten heart stickers and 8 single heart stickers for Valentine's Day. How many heart stickers does Carol have now?

Name: _____

Date: _____

George went to Sticker Station. He bought 2 strips of ten flag stickers and 6 single flag stickers. He also bought 3 strips of ten animal stickers and 3 single animal stickers. How many stickers did he buy?

6. Use sticker notation to show how many **flag stickers** George bought. Write an equation using **tens and ones** to show this amount.

_____ + _____ = _____

7. Use sticker notation to show how many **animal stickers** George bought. Write an equation using **tens and ones** to show this amount.

_____ + _____ = _____

8. How many total stickers did George buy?
Use equations to show your work.

_____ + _____ = _____

Name: _____

Date: _____

Study Guide for Unit 6 Investigation 2

1. Solve: $10 + 10 + 7 + 20 + 1 =$
2. Solve: $10 + 20 + 3 + 10 =$
3. How many more cubes do you need to finish another row of 10? _____

4. I am playing a game of Roll-a-Square and I have 37 cubes. If I roll a 5, how many cubes do I have now?

-
5. Mary has 32 butterfly stickers. Show what her page of butterfly stickers would look like.

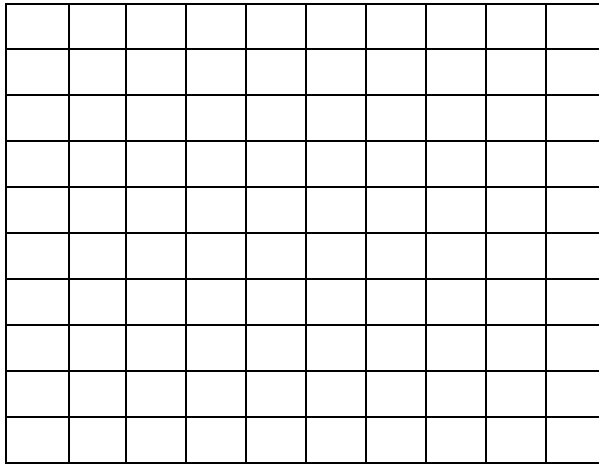
Type of sticker: butterfly

Name: _____

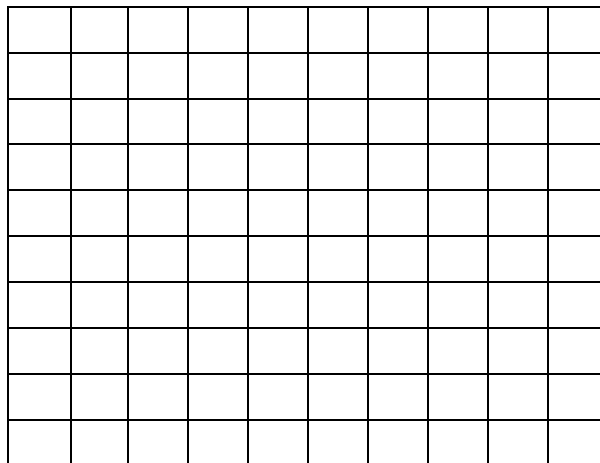
Date: _____

6. Use the grid to solve the problem. Write an equation.

Joe has 38 spider stickers. How many more does he need to have 70 spider stickers?



7. Lucy has 29 flower stickers. How many more does she need to have 50 stickers?



Name: _____

Date: _____

8. Sam collects rock stickers. He has 31 stickers. How many more does he need to have 60?

Write an equation: _____

Show your work:

9. Tia has 83 rocks in her rock collection. How many more rocks does she need to have 100 rocks?

Write an equation: _____

Show your work:

10. George has 26 books on her shelf. How many more books does he need to have 40 books?

Write an equation: _____

Show your work:

Name: _____ Date: _____

Study Guide for Unit 6: 3.1-3.6

Show how you would add each number string.

$$52 + 10 + 8 + 10 =$$

$$25 + 20 - 10 + 5 =$$

Which equation equals 50?

- a) $10 + 20 - 15 - 5$
- b) $45 + 25 - 20 - 10$
- c) $20 + 5 - 10 + 25$
- d) $40 - 5 + 15$

Solve the problem. Show your work.

Jack is playing *Get to 100*. He rolls $30 + 15 + 10 + 5 + 15$. How much more does he need to get to 100?

Mallory has 4 dimes and 10 pennies. Circle the coin combinations that are equal to this?

- a) 2 quarters
- b) 1 quarter, 1 dime, and 1 nickel
- c) 1 quarter, 2 dimes, and 1 nickel
- d) 1 quarter and 2 dimes

Name: _____ Date: _____

Which is **NOT** equal to 100? (more than one answer)

- a) 10 strips of 10 stickers
- b) 10 nickels
- c) 10 towers of 10 blocks
- d) 10 pennies

Fill in the following numbers on the 100 chart and explain how you figured out where they go on the chart.

7 _____

60 _____

84

[illegible]

Name: _____ Date: _____

Date: _____

[illegible]

Name: _____

Date: _____

Study Guide for Unit 6 Investigation 4

1. Molly is making a counting strip. She wrote 30, 35, 40, 45, 50. What number should she write next? _____
2. Tina is making a counting strip. She wrote 54, 56, 58, 60. What is she counting by? _____
3. How many dimes are there in 50 cents? _____
4. How many nickels are there in 85 cents? _____
5. How many dimes are in 90 cents? _____
6. How many nickels are there in 65 cents? _____
7. Tom wrote 53, 54, 55. What are the next three numbers Tom will write?

8. Mary wrote 72, 74, 76. What are the next three numbers Mary will write? _____

Name: _____

Date: _____

Ashley and Suzy are selling flowers. Here are their prices.

	Daisies	5 cents
	Tulips	10 cents
	Roses	20 cents

9. One day, Ashley and Suzy sold 4 daisies and 2 tulips. How much money did they make?

10. On another day they sold 3 tulips, 2 daisies, and 1 rose to Jada. How much money did they make?

Complete the counting strips.

30	44	40	20	50	20
35	46	50	22	55	30
40	48	60	24	60	40

Name: _____

Date: _____

Study Guide for Unit 6 Investigation 4 (Part 2)

1. Suzy is making a counting strip. She wrote 1, 15, 20, 25, 30. What number should she write next? _____
2. Tara is making a counting strip. She wrote 34, 36, 38, 40. What is she counting by? _____
3. How many dimes are there in 80 cents? _____
4. How many nickels are there in 75 cents? _____
5. How many dimes are in 100 cents? _____
6. How many nickels are there in 25 cents? _____
7. Thomas wrote 23, 24, 25. What are the next three numbers Thomas will write? _____
8. Martha wrote 12, 14, 16. What are the next three numbers Martha will write? _____

Name: _____

Date: _____

Tara and Thomas are selling flowers. Here are their prices.

	Daisies	5 cents
	Tulips	10 cents
	Roses	20 cents

- One day, Tara and Thomas sold 3 daisies and 3 tulips. How much money did they make?
- On another day they sold 2 tulips, 4 daisies, and 2 roses to Sam. How much money did they make?

Complete the counting strips.

10	40	60	60	20	30
15	42	70	62	25	40
20	44	80	64	30	50

Name: _____

Date: _____

Study Guide for Unit 6 Investigation 5

Find the number:

Start Number: 324

10 less	10 more	100 less	100 more

Start Number: 652

10 less	10 more	100 less	100 more

Write the correct symbol in the box between each pair.

> greater than	< less than	= equal to
-------------------	----------------	---------------

423  429821  789112  102305  305

Solve each equation.

$80 + 6 = \underline{\hspace{2cm}}$

$300 + 20 + 7 = \underline{\hspace{2cm}}$

$400 + 50 + 5 = \underline{\hspace{2cm}}$

Write an equation that shows the number of hundreds, tens, and ones.

$72 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$

$59 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$

$30 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$

$231 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$

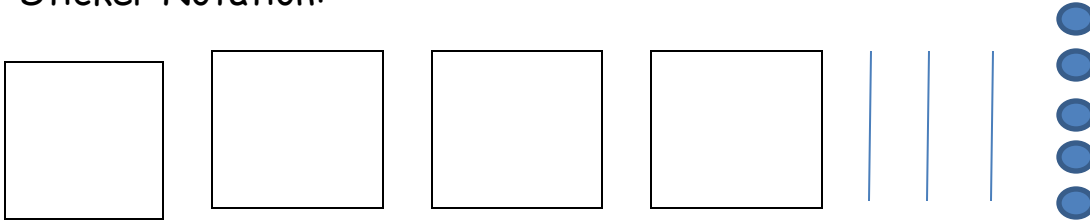
$825 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$

Name: _____

Date: _____

Find the total number of stickers. Write an equation that shows the number of hundreds, tens, and ones.

Sticker Notation:



Total number of stickers: _____

Equation: _____

Use sticker notation to show 363 and write an equation that shows the number of hundreds, tens, and ones.

Sticker Notation:

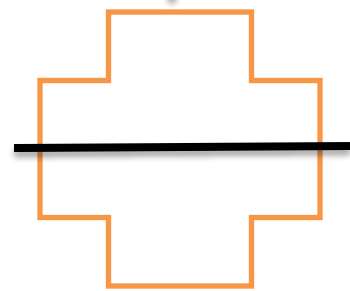
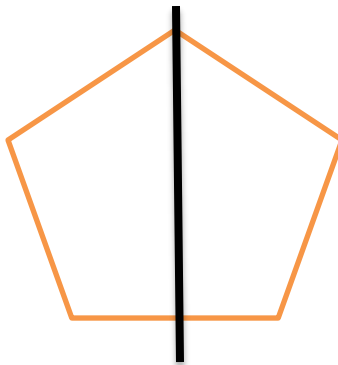
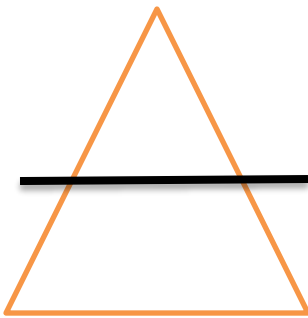
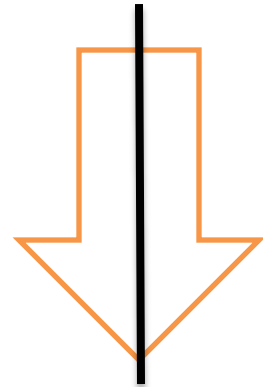
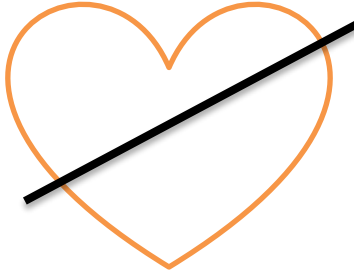
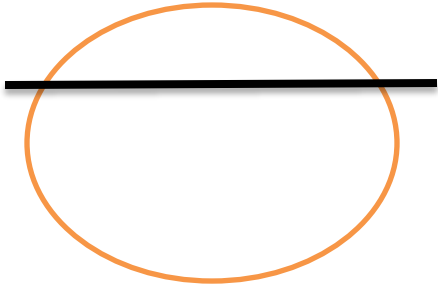
Equation: _____

Name: _____

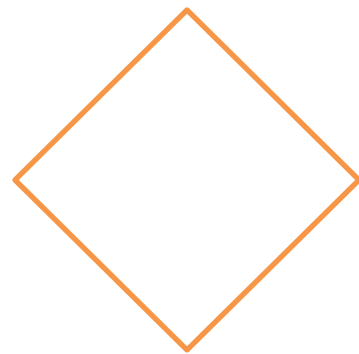
Date: _____

Study Guide for Unit 7 Investigation 1

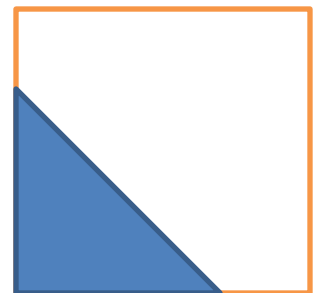
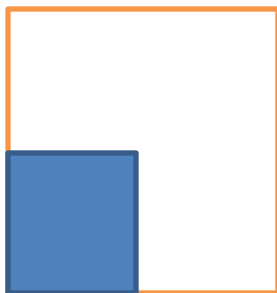
Circle the shapes that show halves.



Draw a line to divide the shapes into halves.



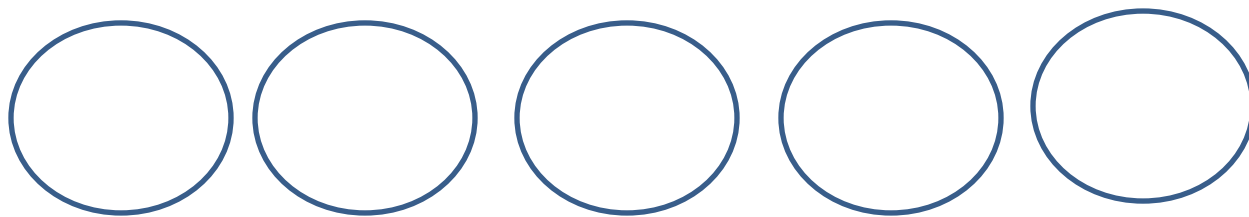
Circle the square that shows one half shaded.



Name: _____

Date: _____

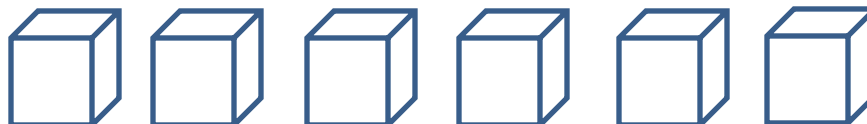
Tia and Zack have 5 cookies. They decide to share them evenly. How many cookies does each one get? _____



Sam and Max have three brownies. How many do they each get if they share them equally? _____



What is $\frac{1}{2}$ of 6 cubes? _____ cubes



What is $\frac{1}{2}$ of 10 tiles? _____ tiles

Draw a picture showing your answer.

Study Guide for Unit 7 Inv 2

1. Which rectangle is $\frac{1}{4}$ shaded?



2. What fraction of the group of squares is circled?

- a. $\frac{1}{2}$ b. $\frac{1}{4}$
b. $\frac{3}{4}$ d. $\frac{4}{4}$



3. What fraction of the rectangle is shaded?

- a. $\frac{1}{3}$ b. $\frac{2}{3}$
b. $\frac{1}{2}$ d. $\frac{3}{4}$



4. Maria's mother gave her 15 pens. She gave one third of the pens.

How many pens did she give away? _____ Pens

Show how you figured it out. *(Hint: Draw a picture of the 15 pens in 3 groups and circle one of those groups to represent one third.)*

Justin and Sawyers friend gave them 10 lead pencils.

5. Can each boy get half? _____

6. How many lead pencils does Sawyer get? _____

7. How many does Justin get? _____

Name _____

Date _____

Brandon and Alyssia colored this flag. They are thinking about how it is colored.

Brandon thinks that the flag **is** divided into fourths.

Alyssia thinks that the flag **isn't** divided into fourths.

Do you agree with Brandon or Alyssia? Why?

Name: _____ Date: _____

Study Guide for Unit 8 Investigation 1

Circle the combinations that make an even sum.

$16 + 7$

$11 + 4$

$23 + 5$

$12 + 8$

$21 + 9$

Circle the combinations that make an odd sum.

$17 + 7$

$14 + 4$

$22 + 3$

$7 + 24$

$11 + 8$

Circle the numbers that can make 2 equal teams.

8

32

23

15

10

Can you make 28 with an even number and an odd number?

$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = 28$

If you think you cannot, explain why:

Name: _____ Date: _____

Solve each problem and write if the number is odd or even.

$$4 + 8 = \underline{\quad\quad} \text{ odd or even}$$

$$12 + 4 = \underline{\quad\quad\quad} \text{ odd or even}$$

$$16 + 26 = \underline{\quad\quad\quad} \text{ odd or even}$$

What happens when you add 2 even numbers? Why?

$$5 + 7 = \underline{\quad\quad} \text{ odd or even}$$

$$13 + 5 = \underline{\quad\quad\quad} \text{ odd or even}$$

$$17 + 21 = \underline{\quad\quad\quad} \text{ odd or even}$$

What happens when you add 2 odd numbers? Why?

Name: _____

Date: _____

Study Guide for Unit 8 Investigation 3

$100-34=$

$100-18=$

$100-24=$

Kate put 44 jelly beans in a bowl. Jake ate 12 of them. How many jelly beans were left? Write an equation and solve the problem.

Matt had 68 pennies. He spent 24 pennies on stickers. How many pennies did he have left? Write an equation and solve the problem.

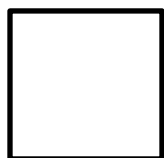
Name: _____

Date: _____

Nate had 100 pennies. He gave his sister some. If he had 55 pennies left, how many pennies did he give his sister? Write an equation and solve the problem.

Sam and Pam were playing Cover Up with 52 counters. Sam hid some of the counters. He left 16 showing. How many counters did he hide? Write an equation and solve the problem.

Stan and Mark are playing Plus 9 and 10 Bingo. Stan wants to cover the square with 16 on it. What two cards would work?



$+ 9 = 16$



$+ 10 = 16$

Name: _____

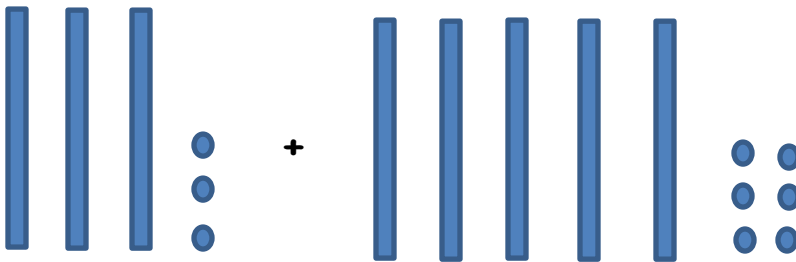
Date: _____

Study Guide for Unit 8 Investigation 4

Lucy solved $52 + 21$ by adding tens and ones.

How many tens are in the sum? _____

What equation does the picture represent? _____



Tammy had 62 pennies. Her sister gave her 25 more. How many pennies does Tammy have now? _____

Name: _____

Date: _____

John got 28 jellybeans in his basket. His brother got 36 jellybeans in his basket. How many do they have in all? _____

Write an equation and solve the problem.

Tara had 49 rocks in her rock collection. Her mother gave her 12 more. How many rocks did she have then? _____

Write an equation and solve the problem.

Tre'von mother baked 35 cookies on Monday and 42 cookies on Tuesday. She brought them to Tre'von's class on Wednesday. How many cookies did she bring to his class? _____

Write an equation and solve the problem.

Name: _____

Date: _____

Study Guide for Unit 8 Investigation 5

Write an equation and solve each problem. Show your work!

Sam and Tamara went bowling. Sam scored 49 points. Tamara scored 58 points. How many points did they score together?

Maria bought 237 puppy stickers and 314 horse stickers. How many stickers did Maria buy?

Sticker notation:

Equations:

Name: _____

Date: _____

Write a story that matches the problem. Solve the problem and show your work.

37

+ 25

Write $300 + 20 + 8$ in standard form: _____

Write 539 in expanded form: _____

What number does this sticker notation represent:



Standard form: _____

Expanded form: _____

Name: _____

Date: _____

Study Guide for Unit 9 Investigation 1

Complete the table using the measurements that are given to find the missing measurements.

HINT: Look at the difference between the small paper clip and the large paper clip. Did the number double? Is it half the size?

Object	Measurement in large paper clips	Measurement in small paper clips
Book	5 large paper clips	10 small paper clips
Bookmark	3 large paper clips	___ small paper clips
Pencil	4 large paper clips	___ small paper clips
Ruler	12 large paper clips	___ small paper clips
Desk Top	___ large paper clips	20 small paper clips
Chair Height	___ large paper clips	24 small paper clips
Post-it Note	___ large paper clips	4 small paper clips



How many blocks long is the white cloud? _____

How many blocks long is the dark cloud? _____

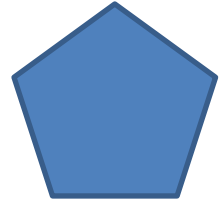
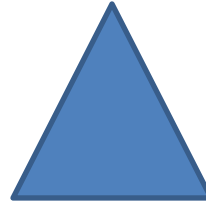
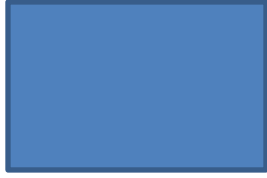
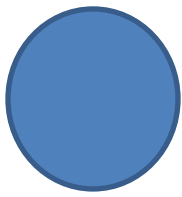
Mira builds a tower 74 blocks high. Tyron builds a tower 58 blocks high. How many blocks *longer* is Mira's tower?

Hint: When you compare heights you should subtract.

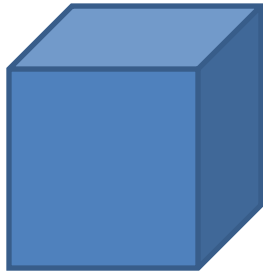
_____ _____ = _____

2nd Quarter Math Review

- Know the different attributes, number of sides and angles or vertices and names of the following shapes and be able to compare them.



- Identify 3-dimensional shapes and the number of faces it has and what shape is each of its sides.



- Identify odd and even numbers, remember to look at the ones place to determine if a number is odd or even, and that an even number makes equal teams and partners

Odd or Even:

23

17

36

41

18

55

- Practice counting by 2's, 5's, and 10's. Identify patterns when counting this way.

- Practice doubles facts:

$4 + 4 =$

$8 + 8 =$

$1 + 1 =$

$5 + 5 =$

$3 + 3 =$

$9 + 9 =$

$7 + 7 =$

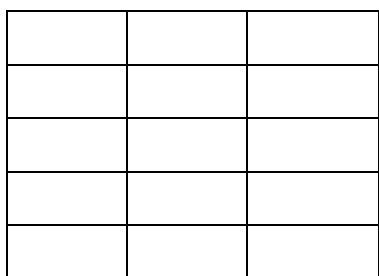
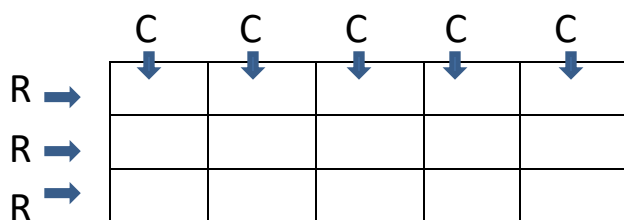
$2 + 2 =$

$6 + 6 =$

- Practice adding with number strings. Remember to look for pairs that make 10 and doubles first.

$$3 + 2 + 3 = \quad 6 + 4 + 2 = \quad 3 + 4 + 7 = \quad 5 + 3 + 5 =$$

- Identify the number of rows and number of columns in an array. Be able to tell how many rows and columns an array could have if it had the same area (total squares) and shape but was turned on its side.

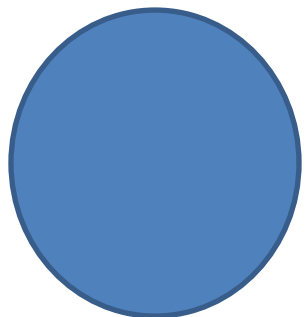


How many rows? _____

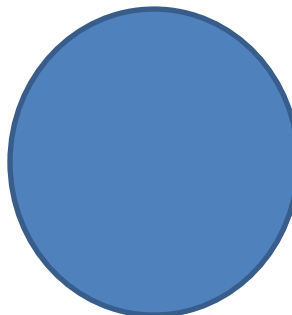
How many columns? _____

- Tell time to the hour, half hour, and fifteen minutes. Identify how much time has past from one clock to another.

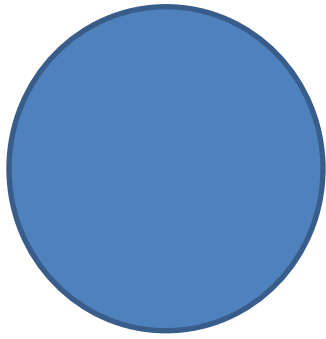
The movie started at this time:



The movie ended at this time:



How long did the movie last? _____



What time is shown? _____

- Solve story problems and problems that have missing information.
 - A PE teacher has 12 basketballs. He needs 18 basketballs. How many more does he need? (hint: write an equation with a blank for the missing information then count on from the smaller number to the larger number)

 - There are 26 cookies and 13 cupcakes. How many treats are there in all? (hint: start with the larger number and use a number line to count up 13 more or draw out thirteen more circles and then count up from the larger number.)

 - Mary has 14 stickers. She got some more from her sister. Now she has 20 stickers. How many did she get from her sister?

- There are 10 children watching the movie. How many eyes are watching the movie?

- Sam and his 4 friends played at the park together. How many fingers did they have altogether?

- Max had a dime, a nickel, and a penny. His dad gave him 3 dimes, a nickel, and 3 pennies. How much money does he have now?
(hint: draw circles with the amount of each coin then count the largest coins first)

- Molly had 12 flowers. She gave away 3 of them. Which equation shows how many flowers Molly has left?
 - a) $12 + 3 = 15$
 - b) $12 - 3 = 9$
 - c) $9 - 3 = 6$

- Practice counting using tally marks:

How many tally marks are there? _____

Mrs. Buck kept a tally of the students who completed their homework. How many students did their homework? _____