

# LAST DAY OF MARKING PERIOD-

# TOMORROW

Suggested Due Date	Assignment	Description	Location	Point Value	<input checked="" type="checkbox"/>
11/7/14	Unit 3 Test	Unit 3 Test	Sapphire	100	
11/19/14	Unit 4 Quiz	MID- Unit 4 QUIZ (lessons 1-7)	Sapphire	25	
12/5/14	Unit 4 Test	Unit 4 Test	Sapphire	100	
TBA	Unit 5 Quiz	Mid Unit 5 QUIZ	Sapphire	25	
TBA	Unit 5 TEST	Unit 5 TEST	Sapphire	100	
TBA	Unit 6 QUIZ	Unit 6 QUIZ - Percents	Sapphire	25	
TBA	Unit 6 Test	Unit 6 Test	Sapphire	100	
11/30/14	Math Pathway 2	Equivalent Expressions	Study Island	10	
12/31/14	Math Pathway 3	Negative and Positive Numbers	Study Island	10	
12/31/14	Math Pathway 3	Area	Study Island	10	
12/31/14	Math Pathway 3	Ratios and Ratio Language	Study Island	10	
12/31/14	Math Pathway 3	Division of Fractions	Study Island	10	
12/31/14	Math Pathway 3	Surface Area and Volume	Study Island	10	

These assignments should be completed by their due date. All Quarter 2

Assignments are due before JANUARY 22, 2015

# Homework:

\*\*\*\*\*STUDY FOR UNIT 6 TEST\*\*\*\*\*

Turn in any missing 2<sup>nd</sup> quarter work!

# UNIT 6 TEST REVIEW

## DAY 1

# OBJECTIVES:

- ❖ Students will review Unit 6 Topics as:
  - Ratios
  - Reducing Ratios
  - Part to Part comparison
  - Part to whole comparison

# RATIOS

- ARE A COMPARISON
- Can be shown using a fraction  $\frac{\quad}{\quad}$  , the word “to” or with a colon :
- Must be reduced if asked

Review Section 1

Part to Part

Vs.

Part to Whole

# Part to Part Ratio

- Comparing to different things
- Comparing one part to another

**Example:** 5 apples to 2 oranges

5:2

5/2

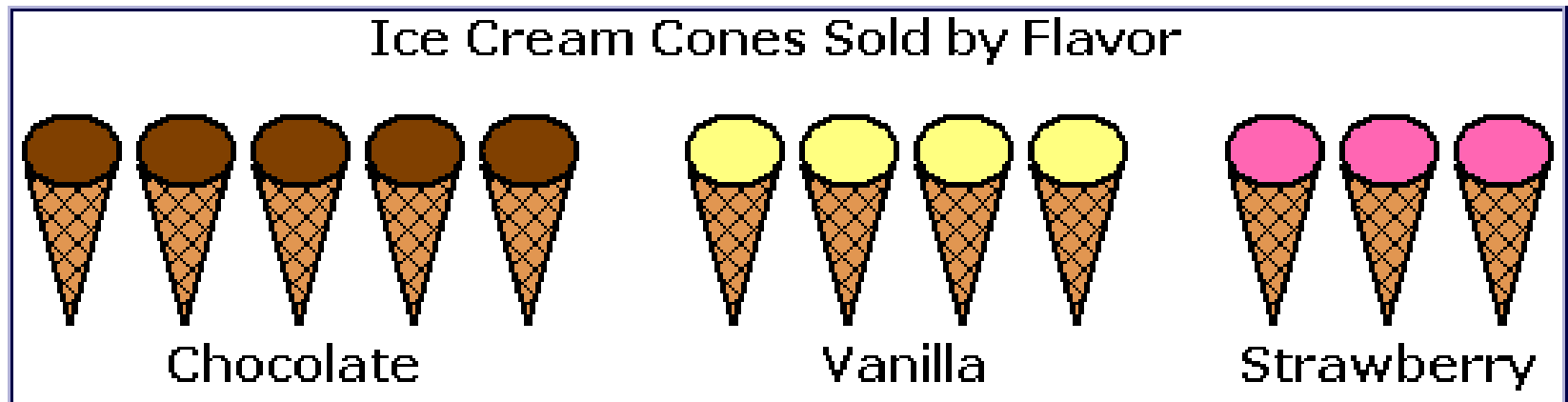
Can use a fraction bar to display but not actually a fraction

# Part to Whole Ratio

- Comparing a part to a total or a whole “all things”
- Example: Compare the number of birds to ALL animals OR Compare the number of pigeons to ALL birds
- \*\*This IS a fraction.



What is type of ratio is it when we compare the number of chocolate cones sold to all flavors sold?



- A. Part to Part
- Part to Whole

What type of ratio is it when I compare tiles to lights in a classroom?

11. In Mr. Sneed's classroom, there are 108 tiles and 9 lights. What is the ratio of lights to tiles in Mr. Sneed's classroom?

- A. Part to Part
- B. Part to Whole

What type of ratio is it when I compare pencils to all items left in the classroom?

<b>Item</b>	<b>Number</b>
notebooks	4
pencils	14
hats	2
rulers	9

- A. Part to Part
- B. Part to Whol

# RATIOS- ORDER MATTERS

- Look at the wording- whichever item is requested first needs to be the first number in your ratio.
- Eliminate non- essential information

What is the ratio of yellow marbles to red marbles?

20. Jody has 4 red marbles, 5 blue marbles, and 8 yellow marbles.

# Which comes first in our Ratio?

In my fridge, I have 2 cherry cokes, 3 mountain dews and 4 sprites... What is the ratio of mountain dew to sprites?

- A. 2 cherry cokes
- B. 3 mountain dews
- C. 4 sprites

I have 7 apples and 3 oranges and 2 kiwis. What is the ratio of apples to kiwis?

A.  $7/3$

B. 3 to 2

C. 2 to 7

D. 7:2

- I have 2 hamsters, 2 boxers, 5 hermit crabs, and 1 cat. What is the ratio of cats to hermit crabs?

A.  $2/1$

B. 1 to 5

C. 2: 5

D. 2 to 2

# REDUCING A RATIO!

- Like reducing a fraction
  - Ask yourself what the **LARGEST** number that divides evenly (no remainder) into **BOTH** numbers of the ratio.
  - **\*\*\*\*\*REMEMBER- Order MATTERS**
- 
- I have 3 apples and 9 oranges. My ratio of apples to oranges is: 3 : 9 , 3 to 9,  $3/9$



## Reduce to Solve:

13. Fred and Stacey both have books to read over the summer. Fred has read 54 pages and Stacey has read 63 pages. What is the ratio of the number of pages Stacey has read to the number of pages Fred has read?

- A. 54:1
- B. 6:7
- C. 7:6
- D. 1:54

# Reduce to Solve:

14. At an ice skating rink, there are 33 people who know how to ice skate and 27 people who do not know how to ice skate. What is the ratio of people who know how to ice skate to people who do not know how to ice skate?

- A. 9:11
- B. 33:1
- C. 1:33
- D. 11:9

## Reduce to Solve:

**16.** At Central High School, there are 60 football players and 25 cheerleaders. What is the ratio of cheerleaders to football players?

- A. 5:12
- B. 1:60
- C. 60:1
- D. 12:5

# QUESTIONS:



# Homework:

\*\*\*\*\*STUDY FOR UNIT 6 TEST\*\*\*\*\*

Turn in any missing 2<sup>nd</sup> quarter work!