

October 1, 2018
Periods 1,2,4,6

Tuesday- % Benchmark Quiz

Warm UP- pg. 129, #24, show work on white board- do not erase

Class Work -

Collect 5.3 quiz
check pgs. 129-130 together
Quiz -5.4, may use notes

Homework - finish quizzes ✓

IXL skills for this week- C.1, P.6, H.8, 7th grade skill A.10

10/1 10/1 10/1

10/1

$$\begin{array}{r}
 \$16.25 \\
 - 5.00 \\
 \hline
 11.25
 \end{array}$$

$$11.25 \div 1.25$$

$$\begin{array}{r}
 \text{divisor} \quad \text{quotient} \quad \text{dividend} \\
 1.25 \overline{) 11.25} \\
 \underline{11.25} \\
 0
 \end{array}$$

The diagram shows the division of 11.25 by 1.25. The divisor is 1.25, the dividend is 11.25, and the quotient is 9. The division is performed by moving the decimal point two places to the right in both the divisor and the dividend, resulting in 125 divided by 1125, which equals 9.

$$\frac{\text{M}}{\$} \frac{25}{107.25} \div \frac{25}{25} = \frac{1}{\boxed{}}$$

$$\frac{\text{T}}{\$} \frac{75}{637.50} \div \frac{75}{75} = \frac{1}{\boxed{}} \text{ unit rate}$$

$$\begin{array}{r} 75 \overline{) 637.50} \\ \underline{600} \\ 375 \end{array}$$

5.4 Quiz

$$1) \quad 7 \overline{) 0.91}$$

$$2) \quad 0.6 \overline{) 1.38}$$

$$3) \quad 0.08 \overline{) 9.6}$$

$$4) \quad 33.475 \div 0.65$$

$$5) \quad 2.46 \div 12.3$$

$$6) \quad 8.4$$
$$30$$

Periods 1,2,4,6

Quiz 5.3 Corrections due Tuesday.

You may earn half the points missed on the quiz by redoing the problem on a separate sheet of paper showing ALL work.

For example, if you missed 4 problems and successfully corrected the problem showing all work on a separate sheet of paper, you will earn 2 points back.

These corrections are due no later than the end of class on tomorrow.

Name _____ Class _____ Date _____

5.4 Independent Practice

PL 6.NS.2.3



Use the table for 22 and 23.

Custom Printing Costs				
Quantity	25	50	75	100
Mugs	\$107.25	\$195.51	\$261.75	\$329.00
T-shirts	\$237.50	\$441.00	\$637.50	\$829.00

22. What is the price per mug for 25 coffee mugs? \$4.29
23. Find the price per T-shirt for 75 T-shirts. \$8.50

A movie rental website charges \$5.00 per month for membership and \$1.25 per movie.

24. How many movies did Andrew rent this month if this month's bill was \$16.25? 9 movies
25. Marissa has \$18.50 this month to spend on movie rentals.
- How many movies can she view this month? 10 movies
 - Critique Reasoning** Marisa thinks she can afford 11 movies in one month. What mistake could she be making?
She could be rounding 10.8 up to 11, but she doesn't have enough money for 11 movies.

Victoria went shopping for ingredients to make a stew. The table shows the weight and the cost of each of the ingredients that she bought.

Ingredient	Weight (in pounds)	Cost
Potatoes	6.3	\$7.56
Carrots	8.5	\$15.30
Beef	4	\$9.56
Bell peppers	2.50	\$1.25

26. What is the price for one pound of bell peppers? \$0.50
27. Which ingredient costs the most per pound? beef
28. **What if?** If carrots were \$0.50 less per pound, how much would Victoria have paid for 8.5 pounds of carrots? \$11.05

29. Brenda is planning her birthday party. She wants to have 10.92 liters of punch, 6.5 gallons of ice cream, 3.9 pounds of fudge, and 25 guests at the birthday party.

- a. Brenda and each guest drink the same amount of punch. How many liters of punch will each person drink? 0.42
- b. Brenda and each guest eat the same amount of ice cream. How many gallons of ice cream will each person eat? 0.25
- c. Brenda and each guest eat the same amount of fudge. How many pounds of fudge will each person eat? 0.15

To make costumes for a play, Cassidy needs yellow and white fabric that she will cut into strips. The table shows how many yards of each fabric she needs, and how much she will pay for those yards.

Fabric	Yards	Cost
Yellow	12.8	\$86.40
White	9.5	\$45.60

30. Which costs more per yard, the yellow fabric or the white fabric? yellow
31. Cassidy wants to cut the yellow fabric into strips that are 0.3 yards wide. How many strips of yellow fabric can Cassidy make? 42



FOCUS ON HIGHER ORDER THINKING

32. **Problem Solving** Eight friends purchase various supplies for a camping trip and agree to share the total cost equally. They spend \$85.43 on food, \$32.75 on water, and \$239.66 on other items. How much does each person owe? \$44.73
33. **Analyze Relationships** Constance is saving money to buy a new bicycle that costs \$195.75. She already has \$40 saved and plans to save \$8 each week. How many weeks will it take her to save enough money to purchase the bicycle? 20 weeks
34. **Represent Real-World Problems** A grocery store sells twelve bottles of water for \$13.80. A convenience store sells ten bottles of water for \$11.80. Which store has the better buy? Explain.

The grocery store; each bottle costs \$1.15, while each
bottle at the convenience store costs \$1.18.

October 1
Period 5

Warm Up- fill in Classifying Numbers Chart

ClassWork-

Video, Classifying Numbers (Edpuzzle)

Worksheet pg. 36 Reteach Classifying Numbers

Homework- finish pg. 51, #s 8-13

IXL Skills for this Week- P.1, P.2, P.3

10/1 10/1 10/1

$$-1.25 = -1 \frac{25}{100} = -\frac{125}{100}$$

Natural Numbers- the set of counting numbers

1,2,3,4....

Whole Numbers- the set of Natural Numbers plus zero

0,1,2,3,4...

Integers- the set of whole numbers and their opposites

...-3,-2,-1,0,1,2,3...

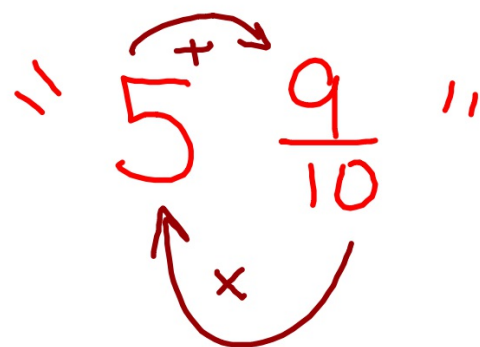
Rational Numbers- any number that can be written in a/b form

$\frac{3}{4}$, 3 and $\frac{2}{7}$, 5.9, - 1.25

Decimals - this includes decimals that have repeating patterns, and those that end

$$3\frac{2}{7} = \frac{\boxed{23}}{\boxed{7}}$$

5.9



$$\frac{59}{10}$$

$$\frac{a}{b}$$

$$1.\underline{5}$$

$$1\frac{5}{10} = \frac{15}{10}$$

$$5.\underline{002}$$

$$5\frac{2}{1000} =$$

$$\frac{5002}{1000} \quad \frac{9}{5}$$