

STUDY GUIDE: Ratios, Rates, and Percentages

I understand that the intent of this review is to get me ready for the assessment that I will be taking in class on **Friday, October 26**. During the class review day I will be expected to engage in my learning. If at any point I am unable to solve a problem I will first use my resources and then sign up for a conference. I may be expected to take work home if I do not complete the assignments during class. I understand that the best way to study math is "TO DO math"!

X _____
Student signature

Riddle (Ratios and Rates Review)

Pumpkin Color By Number (Unit Rates and Percentages)

Halloween Math (Rates, Equations, and Graphs)

Extension Activities

- Interactive Slide Show (On Mr. Kinney's Website)
- IXL.com
- Bonus Bucks

RIDDLE

What word begins and ends with an *E* but only has one letter?

- L Over the weekend a group of friends washed 51 cars in 17 hours. What is the unit rate of cars washed per hour?
- P Mr. Kinney's apple crisp recipe calls for 3 tablespoons of sugar for every 4 apples used. If Mrs. Falci was going to make a smaller batch of apple crisp and used only 1 apple, how many tablespoons of sugar would she need?
- E Amy is making a boondoggle bracelet. She needs 3 feet of boondoggle. If it costs \$0.05 per inch, how much will her project cost?
- N The price of a 6 minute phone call is \$1.50. What is the price of a 15 minute phone call?
- V Joe has four 7-foot-long boards. He needs to cut pieces that are 10 inches long from the boards. What is the greatest number of 10 inch pieces he can cut from the four boards?
- O A cheetah runs 250 miles in 5 hours. How many miles does it run in 3 hours?

1.80	3.75	32	1.80	3	150	$\frac{3}{4}$	1.80

RIDDLE ANSWER KEY

What word begins and ends with an *E* but only has one letter?

E	N	V	E	L	O	P	E
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Pumpkin Patch

Color By Number

Answer the questions and color each pumpkin based on color key

Orange – Store A

Red – Store B

Blue – 75

Purple – 750

Black – 5

Yellow – 525

Green – 30

Pink – Erin

Brown - Megan



Two stores sell the same item. Which store has the best buy?

Store	Price
A	5 items for \$7.00
B	\$5.40 for 4 items



Erin purchased a bag with 2500 rubber bands to make bracelets. If 30% of the rubber bands in the bag are white, how many white rubber bands are in the bag?



Joe Schmoe's was able to type 350 in 10 minutes. Suzy Su is able to type 450 words in 15 minutes. If Joe keeps typing at the same rate, how many more words will he have typed than Suzy after 15 minutes?

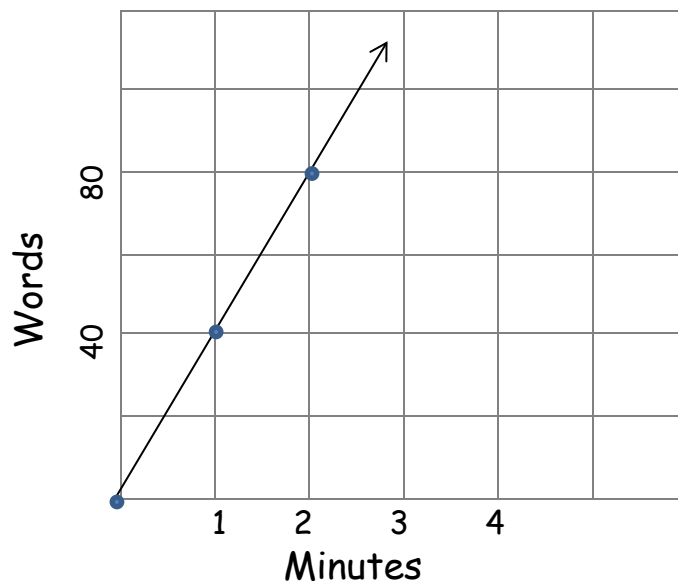


Megan's doll collection is 10% Monster High dolls. If she has 3 Monster High dolls, how many total dolls does she have?



The table shows how well Erin can type. The graph shows how well Megan can type. Find the unit rate for both students. Who can type faster?

Minutes	Words
2	72
4	144



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