

Name:

DMR – Q3.5

Monday	Tuesday	Wednesday	Thursday
<p>The veterinarian weighed Oliver's new puppy, Boaz, on a defective scale. He weighed 36 pounds. However, Boaz weighs exactly 34.5 pounds. What is the percent of error in measurement of the defective scale to the nearest tenth?</p>	<p>Christian's mom works at the concession stand during sporting events. She told him they buy candy bars for \$0.75 each and mark them up 40% to sell at the concession stand. What is the amount of the markup? How much does the concession stand charge for each candy bar?</p>	<p>You go to the hair dresser and the cost is x dollars. Which <i>two</i> equations would you use to solve the total amount you have to pay with a 20% tip?</p> <p>A $(0.20)x$</p> <p>B $(1.20)x$</p> <p>C $20x$</p> <p>D $(0.20)x + x$</p> <p>E $(0.80)x$</p>	<p>Target is having a 35% off sale on patio furniture this weekend. If x is the original price of a patio chair, what will be the final sales price, excluding tax? Select <i>three</i> that apply.</p> <p>A $0.35x + x$</p> <p>B $x - 0.35x$</p> <p>C $0.35x$</p> <p>D $x(1.00 - 0.35)$</p> <p>E $(0.65)x$</p>
<p>Let m represent the number of males at a park and f represent the number of females. <u>Select all</u> of the equations that indicate there are twice as many females as there are males.</p> <p><input type="checkbox"/> $f - m = m$</p> <p><input type="checkbox"/> $m + m = f$</p> <p><input type="checkbox"/> $2(m + m) = f$</p> <p><input type="checkbox"/> $2m = f$</p> <p><input type="checkbox"/> $m = 2f$</p> <p><input type="checkbox"/> $2m = 2f$</p>	<p>A salesperson is selling cooking sets for \$120 each. The salesperson receives 22.5% of the sales price as commission. The salesperson sells a total of 4 units on Monday but an unknown number of units on Tuesday. The salesperson made a combined total of \$351 commission for those two days. Write an equation that could be used to find the number of cooking sets x sold on Tuesday. Then solve the equation.</p>	<p>A local toy store has a scooter in its clearance section. The original price of the scooter is \$79.99 and it is discounted 40% with an additional 15% since it's in the clearance section. What will the cost of the scooter be? How much has it been discounted</p>	<p>Kara's grandmother opened a savings account for her when she was born. The account started with \$250 and had a simple interest rate of 2%. On her 18th birthday, Kara wanted to use the money to purchase a laptop computer for \$350. Did she earn enough interest to make the purchase?</p>
<p>For each year that a gift card goes unused, the value of the card decreases by 5%. What is the value of a \$25 gift card after 3 years?</p>	<p>Select whether each situation can be represented by the expression $\frac{-24}{-4}$</p> <p><input type="checkbox"/> A diver swam down 4 yards every minute. How many minutes did it take her to dive down 24 yards?</p> <p><input type="checkbox"/> The temperature is dropping 4 degrees every hour. How many degrees will the temperature drop in 24 hours?</p> <p><input type="checkbox"/> Kylee lost 4 pounds each month. After 24 months, how many pounds did she lose?</p> <p><input type="checkbox"/> Howard borrows \$4 each month. He now owes \$24. How many months has he borrowed money so far?</p>	<p>Ashanti has several electronics cords of different lengths. The cord for her tablet is $\frac{5}{3}$ yards long, the extension cord is $2.2\overline{5}$ yards, the DSL cable is $2\frac{1}{4}$ yards, and the phone cord is 1.6 yards. Write the lengths of the cords in order from shortest to longest.</p>	<p>Do the inequalities $-6x - 7 < -91$ & $6x - 19 < 65$ have the same solution?</p>
<p>Alonzo is \$120 in debt. He makes \$15 per hour. He wants to have at least \$75 left over after he has paid off his debt. Write an inequality that represents this situation, using x to represent the number of hours Alonzo has to work to achieve his goal.</p>	<p>If Harriot can install 18 light fixtures in 75 minutes, how many can she install in 8 hours?</p>	<p>An engineer makes a model of a bridge using a scale of 1 inch=3 yards. The length of the actual bridge is 50 yards. What is the length of the model?</p>	<p>Evaluate the expression: $7t - 5(-2t + 8) - 16$</p>

TASK FRIDAY

Daily Math review Expectations

1. Complete all problems each day.
2. Do your original work using a pencil at the beginning of class.
3. Make corrections using a pen, colored pencil, or marker during our whole class discussion.
4. If you are absent, you are still responsible for completing all of the problems.
5. Turn this in each Friday for a grade out of 18 points for accuracy.

Grade: _____/16