
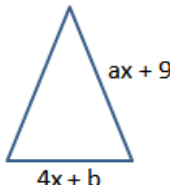





Name:

(After Thanksgiving)

ADVANCED DMR – Q2:7

Monday	Tuesday	Wednesday	Thursday																				
Solve: $2x + 4 - 3x = -11$	Solve: $\frac{z}{2} + 26 \geq 17.5$	Solve: $4 - 10x > -21$	Solve and graph the inequality on a number line: $-3w + 1 \geq -8$ 																				
Write an expression to represent how much shorter the base is compared to the side. 	Write an inequality to represent the phrase: The sum of a number and 7 is no more than 53.	A video streaming service offers unlimited movies for \$15 per month or \$1.99 per movie. Graph an inequality that represents when the unlimited offer is better. 	Jon earns \$180 per week plus \$25 for each sale. Write an inequality to represent how many sales he needs to make to earn at least \$500.																				
How many 2.5 inch by 6 inch tiles will fit on a back splash that is 2.5 feet tall and 8 feet long?	In the problem to the left, if each tile costs \$0.80, how much change would you get back if you paid with two \$100 bills?	In the problem to the left, you just remembered that the tax rate was 5%. Now how much change would you get back if you paid with two \$100 bills?	In the problem to the left, would a 15% off coupon or a \$20 off coupon be a better deal?																				
Arby's advertises \$5 for 3 Beef and Cheddar sandwiches. How much is this per sandwich?	A store is selling candy for \$6 for 12 bags. How much will it cost if you need to have 110 bags?	What is the unit rate for the table showing the cost of movies? <table><tr><td>Movies/week</td><td>4</td><td>5</td><td>7</td><td>8</td></tr><tr><td>Cost \$</td><td>11</td><td>13.75</td><td>19.25</td><td>22</td></tr></table>	Movies/week	4	5	7	8	Cost \$	11	13.75	19.25	22	Based off the table below, how long will it take to mow one lawn? <table><tr><td>Lawns</td><td>0</td><td>5</td><td>7</td><td>8</td></tr><tr><td>Minutes</td><td>0</td><td>175</td><td>245</td><td>280</td></tr></table>	Lawns	0	5	7	8	Minutes	0	175	245	280
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Cost \$	11	13.75	19.25	22																			
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A dozen eggs cost \$1.32 at the grocery store. How much profit would a restaurant make if they sold 1 scrambled egg for 99¢?	Which is a better deal on a can of cream of mushroom soup? <div><div><p>KROGER FAMILY SIZE CREAM OF MUSHROOM SOUP 15 OZ. 047899</p><p>UNIT PRICE 9.0¢ PER OUNCE</p><p>\$1.39</p></div><div><p>KROGER FAMILY SIZE CREAM OF MUSHROOM SOUP 19 OZ. 047899</p><p>UNIT PRICE 9.0¢ PER OUNCE</p><p>\$1.69</p></div></div>	There are 57 M&Ms in a standard size bag. At 240 calories per bag, how many calories is it per M&M?	For which statement is the unit rate equal to 8? A) Lisa lost 8 lbs in 8 weeks B) Yi drove 400mi in 8 hrs C) 80 people in 10 rows at the movies D) There are 100 shirts in 8 drawers																				

Friday!

Debra bought $3\frac{1}{4}$ yards of fabric at a remnant sale for \$13. Determine if each of the following remnant deals have the same unit price as Debra's deal. Select yes or no.

- a. $4\frac{2}{3}$ yards for \$16 ☐ Yes ☐ No
- b. $2\frac{3}{4}$ yards for \$11 ☐ Yes ☐ No
- c. $6\frac{1}{2}$ yards for \$26 ☐ Yes ☐ No

The table shows the distances traveled by 4 cyclists. Sort the speeds of the riders, in miles per hour, from slowest to fastest.

	Rider	Speed (mph)
Slowest		
Fastest		

Bicycle Rides		
Rider	Distance	Time
Elena	$20\frac{1}{2}$ mi	$2\frac{1}{4}$ h
Julio	$12\frac{1}{4}$ mi	$1\frac{1}{2}$ h
Kevin	$20\frac{2}{3}$ mi	$1\frac{2}{3}$ h
Lorena	$33\frac{1}{4}$ mi	$2\frac{1}{3}$ h

Which rider had the fastest rate of speed?

MP Persevere with Problems The distance around the tire of a motorized scooter is 21.98 inches. The tires make one revolution every $\frac{1}{10}$ second. Find the speed of the scooter in miles per hour. Round to the nearest tenth. (*Hint:* The speed of an object spinning in a circle is equal to the distance around the circle divided by the time it takes to complete one revolution.)

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 23 points for accuracy.

Grade: _____/23

