

Name: _____

Homework #11 Due 12/3

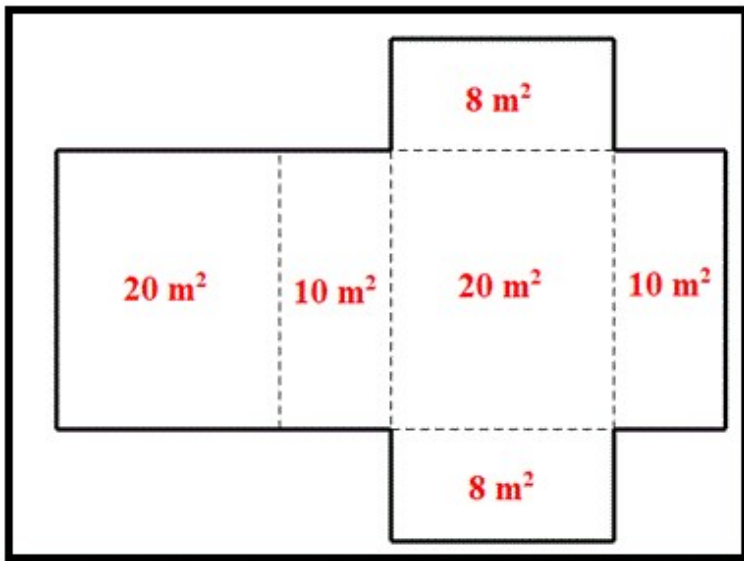
1. Nancy drives 624 miles in 10 hours, driving the same number of miles each hour. Rebecca drives 660 miles in 12 hours, driving the same number of miles each hour. Which statement correctly compares the number of miles per hour they drove?

1. Rebecca drove 36 more miles per hour than Nancy.
2. Rebecca drove 3.6 more miles per hour than Nancy.
3. Nancy drove 7.4 more miles per hour than Rebecca.
4. Nancy drove 88 more miles per hour than Rebecca.

2. Pasquale types at a rate of 60 words per minute. If he types at a constant rate, how many words can Pasquale type in 4 minutes?

1. 15
2. 56
3. 64
4. 240

3. The net of a rectangular prism is shown below. The surface area of each face is labeled.



Which values represent the dimensions, in meters, of the rectangular prism?

1. 8, 10, 20
2. 2, 4, 6
3. 3, 4, 5
4. 2, 4, 5

4. The ratio of the number of roses to the number of tulips in a bouquet is 5 to 2, and this is shown in the table below.

# of Roses	# of Tulips
15	6
20	x
30	12

What is the value of x in the table above?

1. 1. 7 2. 2. 8
3. 3. 9 4. 4. 10
5. The ratio of the number of number of carrots to the number of onions in a soup is presented in the table below. Which of the following choices correctly identifies this ratio in *simplest form*?

# of Carrots	# of Onions
18	3
30	5
36	6

1. 18:3 2. 12:2
3. 1:6 4. 6:1
6. If Stacy's heart beats 180 times in 3 minutes, how many times does her heart beat in 2 minutes? Use the table to help.

Minutes	Beats
0	0
1	
2	
3	180

1. 90 2. 60
3. 179 4. 120

7.



Seven cups of yogurt cost \$3.50. How much does one cup of yogurt cost?

1. \$1.50 2. \$2.00
3. \$.50 4. \$.35

8. Carol took a math test and answered 16 of the 20 questions correctly. What was Carol's percentage score on the test?

1. 80% 2. 85%
3. 90% 4. 95%

9. Maggie has a jar full of different color jellybeans. $\frac{1}{10}$ of the jellybeans are pink, $\frac{2}{5}$ are green, $\frac{1}{4}$ are yellow, and 25% are blue. Which color jellybean appears the most in the jar?
1. pink
 2. green
 3. yellow
 4. blue