Name _____ Due on _____

Test on _____

Unit 4 Assessment REVIEW

Find the sum, difference, product, or quotient. (Show your thinking on separate paper and staple.)

0.6 x 0.8	0.75 + 215.4	111.8 - 14.9
$6.08 ÷ 16	13.4 x 5.7	50 - 17.99
137.1 ÷ 15	257.7 + 9.749	35 x 0.75

Use mental math to solve the following.

$2.89 x 10 = _____ $432.50 ÷ 10 = _____

$6.73 x 100 = _____ $851.96 ÷ 100 = _____

1. Mrs. Walker plants two pine trees in her yard. The first tree is 6.35 feet tall. The second tree is 0.25 as tall as the first tree. How tall is the second tree?

2. Sarah's car travels 412.5 miles on a tank of gas. The tank holds 15 gallons of gas. How many miles can Sarah go per gallon?

3. Kelby ran a total of 408.5 miles last year. He has logged 399.75 miles so far this year. How much farther did he run last year than this year?

4. Jonathan went to the grocery story and bought baking ingredients. He bought flour for $3.48, sugar for $2.24, and eggs for $2.99. He gave the cashier a $20 bill. How much change did he receive.

5. Coach Morris bought a snowcone for each of his 12 football players. He spent a total of $25.08. If each snowcone costs the same amount, what was the price of one snowcone?

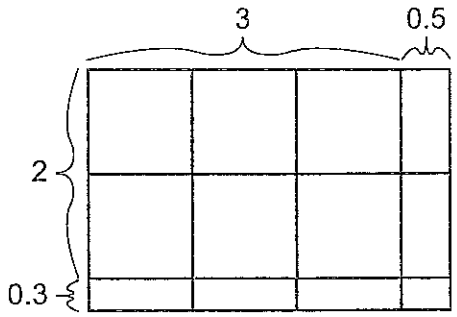
6. Cookie dough costs $8.75 per roll. If Jane bought 14 rolls of cookie dough, how much money did she spend?

7. Natalie went to the farmer's market and bought produce. She bought 2.34 pounds of squash, 12.009 pounds of potatoes, 8.1 pounds of grapes, and 25.07 pounds of pumpkin. How many pounds of produce did she buy in all?

8. John collected data for three days of snowfall. Each of the three days, it snowed 5.9 inches. Which method could John use to calculate the total rainfall?

a. (3 + 5) + (3 + 9)
b. (3 x 5) + (3 x 0.9)
c. (3 x 0.5) + (3 x 9)
d. (3 x 10) + (3 x 0.8)

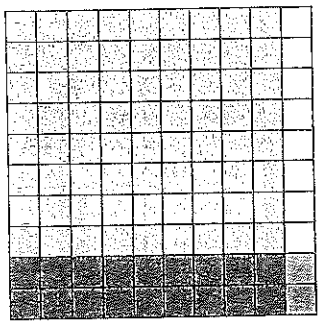
9. The following area model represents 2.3 x 3.5.



What is the product of 2.3 x 3.5?

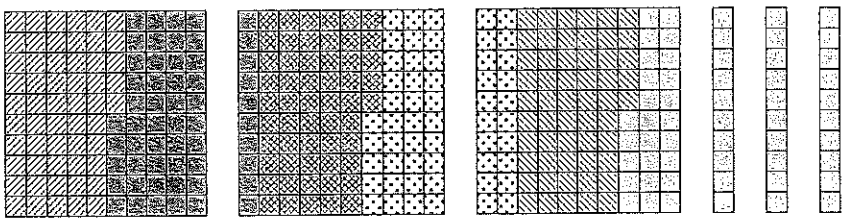
A 5.80
B 6.15
C 8.05
D 8.50

10. Write an equation to represent the model below.



_____ x _____ = _____

11. The model below represents a decimal divided by a whole number.



The shaded portions of the model show that—

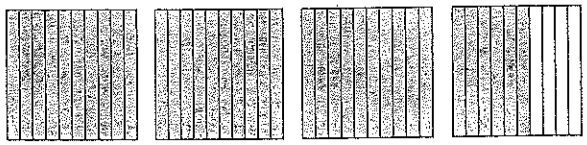
A $3.2 \div 4 = 0.8$

B $3.2 \div 8 = 0.4$

C $3.3 \div 6 = 0.55$

D $3.3 \div 7 = 0.47$

12. At King's Nursery, 1 dozen flowers are sold in a flat. One flat of flowers costs $3.60, as shown in the shaded model.



What is the price of 1 flower?

Ⓕ $0.12 Ⓗ $0.30

Ⓖ $0.03 Ⓙ $3.48