

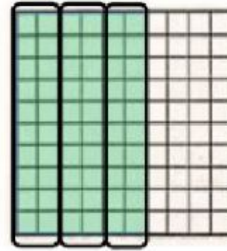
Name _____

Assessment SOL 5.5 Decimal Computation



1. Look at the model.

What is the quotient of 0.6 and 0.2?



- ☐ A. 0.12 ☐ B. 0.3 ☐ C. 12 ☐ D. 3

2. Find the product.

$$0.85 \times 2.3 = \boxed{}$$

3. Trever bought lunch today. He bought a slice of pizza for \$2.50, french fries for \$1.75, and a cookie for \$1.25. How much did he spend on lunch in all?

\$

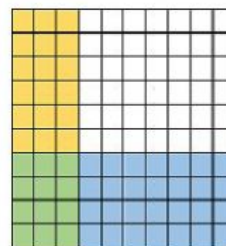
4. Solve.

$$4.35 \div 0.5$$

- ☐ A. 87 ☐ B. 8.7 ☐ C. 0.87 ☐ D. 0.11

5. Use the model.

Which equation is represented by the model?



- ☐ A. $0.3 \times 0.4 = 0.12$ ☐ B. $0.6 \times 0.7 = 0.42$ ☐ C. $0.3 \times 0.4 = 1.2$ ☐ D. $0.6 \times 0.7 = 4.2$

6. Four friends went out to lunch. The total cost of their meal was \$27.96. If they each pay an equal amount for the meal, how much will each friend pay?

☐ A. \$9.32 ☐ B. \$7.99 ☐ C. \$8.32 ☐ D. \$6.99

7. Solve for the product of 0.08 and 0.9

☐ A. 0.063 ☐ B. 0.072 ☐ C. 0.63 ☐ D. 0.72

8. William had \$20.00 to spend while traveling with his family.

He wants to purchase a t-shirt, a keychain, and 5 postcards. How much change will he receive back for this purchase?

Gift Shop Items	
Item	Price
Book	\$5.95
Keychain	\$2.75
Postcard	\$0.25
Pen	\$1.85
T-Shirt	\$9.95

☐ A. \$6.15 ☐ B. \$7.15 ☐ C. \$6.05 ☐ D. \$7.05

9. The relay team race is exactly 5.6 miles long. Each person on the team is expected to run 0.4 miles. How many team members will be needed to cover the total distance of the race?

☐ A. 6 ☐ B. 8 ☐ C. 12 ☐ D. 14

- 10.

$$4 \overline{) 1.228}$$

☐ A. 0.307
☐ B. 3.07
☐ C. 30.7
☐ D. 307

