

Name _____

Date _____

1. Create two whole number division problems that have a quotient of 9 and a remainder of 5. Justify which is greater using decimal division.

2. Divide, then check your work with multiplication.

a. $75.9 \div 22$

c. $77.14 \div 38$

b. $97.28 \div 19$

d. $12.18 \div 29$

3. Divide.

a. $5,224 \div 43$

b. $1,908 \div 36$

4. Use the quotients in Problem 3 to write the quotients for the following. Explain how you decided where to place the decimal in the quotient.

a. $522.4 \div 43 =$ _____

$52.24 \div 43 =$ _____

b. $190.8 \div 36 =$ _____

$19.08 \div 36 =$ _____

5. The height of Burj Dubai, the tallest building in the world (2013), has a total of 162 stories. If the building is 828 meters tall, about how many meters tall is each story?

6. Elaine has a desktop that is 4.5 feet by 5.5 feet, and she is going to cover it with patches of wallpaper that each measure 18 inches wide and 24 inches long.

How many patches will Elaine need to cover the entire desktop? Justify your answer.