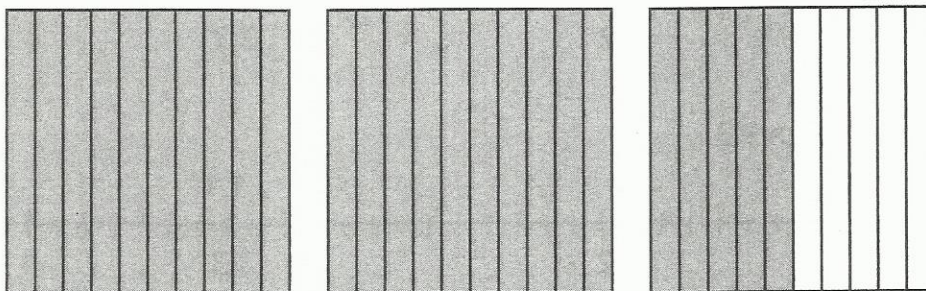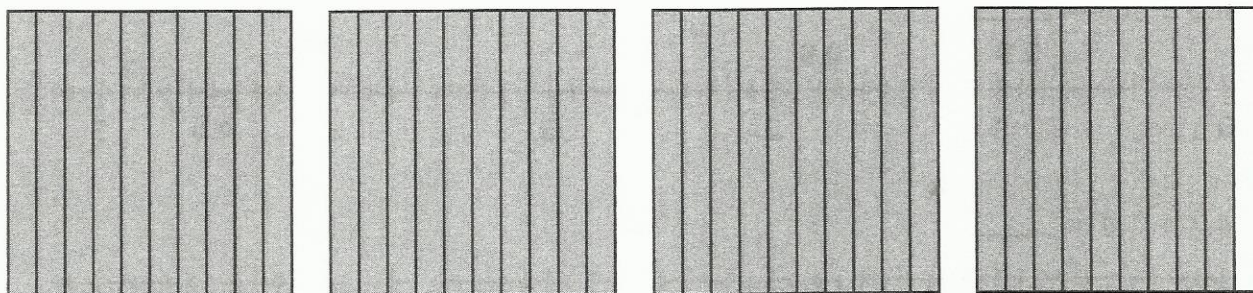# Explore Dividing Decimals by Decimals

For each problem, shade the grids to show the dividend. Draw lines to show how you could cut apart the shaded areas to find the quotient. Then write the quotient.

1. $2.5 \div 0.5 =$ _____

2. $3.9 \div 1.3 =$ _____

Divide. Use models.

3. $4.8 \div 0.8 =$ _____

4. $4.6 \div 2.3 =$ _____

5. $8.8 \div 1.1 =$ _____

6. $6.5 \div 1.3 =$ _____

7. $7.8 \div 2.6 =$ _____

8. $7.2 \div 1.8 =$ _____

Problem Solving

9. A builder owns a 2.4-acre piece of land. He plans to divide it into 0.6-acre building lots. How many lots can the builder create?

_____

10. The builder owns another piece of land that is 4.5 acres. He plans to divide this one into 0.5-acre building lots. How many lots can he create?

_____