Reteach

3-7 Dividing Decimals by Whole Numbers

You can use decimal grids to help you divide decimals by whole numbers.

To divide 0.35 by 7, first shade in a decimal grid to show thirty-five hundredths.

0.35 \div 7 \text{ means “divide 0.35 into 7 equal groups.” Show this on the decimal grid.}

The number of units in each group is the quotient.

So, \( 0.35 \div 7 = 0.05 \).

Use decimal grids to find each quotient.

1. \( 0.24 \div 4 \)

2. \( 0.48 \div 12 \)

3. \( 0.50 \div 10 \)

4. \( 0.98 \div 7 \)

5. \( 0.6 \div 5 \)

6. \( 0.78 \div 6 \)

7. \( 0.99 \div 11 \)

8. \( 0.32 \div 4 \)