

Divide Decimals by Decimals

Guided Practice

Divide. (Examples 1–5)

1. $3.69 \div 0.3 =$ _____

2. $0.0338 \div 1.3 =$ _____

3. $2.943 \div 2.7 =$ _____



4. Alicia bought 5.75 yards of fleece fabric to make blankets for a charity. She needs 1.85 yards of fabric for each blanket. How many blankets can Alicia make with the fabric she bought? (Example 6)
- _____

Independent Practice

Divide. (Examples 1–5)

1. $1.44 \div 0.4 =$ _____

2. $16.24 \div 0.14 =$ _____

3. $0.6 \div 0.0024 =$ _____



4. $96.6 \div 0.42 =$ _____

5. $13.5 \div 0.03 =$ _____

6. $0.12 \div 0.15 =$ _____

7. **Use Math Tools** The average person's *stride length*, the distance covered by one step, is approximately 2.5 feet long. How many steps would the average person take to travel 50 feet? (Example 6)
- _____

8. **METS** Alaska has a coastline of about 6.64 thousand miles. Florida has about 1.35 thousand miles of coastline. How many times more coastline does Alaska have than Florida? Round to the nearest tenth if necessary. Justify your procedure.
- _____