

4.2 Warm Up

1. Find equivalent fractions.

a) $\frac{1}{6} = \frac{\boxed{}}{\boxed{}}$

× _____

b) $\frac{1}{100} = \frac{8}{\boxed{}}$

c) $\frac{\boxed{}}{\boxed{}} = \frac{14}{42}$

÷ _____

d) $\frac{\boxed{}}{\boxed{}} = \frac{12}{72}$

2. Write each ratio as a fraction.

a) $1:15 = \frac{\boxed{}}{\boxed{}}$

b) $1:1000 = \frac{\boxed{}}{\boxed{}}$

3. Round to the nearest tenth (1 decimal place).

a) $24.88 \approx \underline{\hspace{2cm}}$

b) $159.249 \approx \underline{\hspace{2cm}}$

4. Round to the nearest hundredth (2 decimal places).

a) $1124.828 \approx \underline{\hspace{2cm}}$

b) $58.2496 \approx \underline{\hspace{2cm}}$

5. Find the missing measurements.

1 m = 100 cm
1000 m = 1 km

a) $300\,000\text{ cm} = 300\,000 \div 100$
 $= \underline{\hspace{2cm}}\text{ m}$

b) $3000\text{ m} = 3000 \div 1000$
 $= \underline{\hspace{2cm}}\text{ km}$

c) $1\,400\,000\text{ cm} = \underline{\hspace{2cm}}\text{ m}$

d) $40\,000\text{ m} = \underline{\hspace{2cm}}\text{ km}$