

5th Grade Measurement Conversion - Answer Key

5th Grade - converting units within a measurement system | 20 minutes

Convert each measurement. Use: 1 m = 100 cm, 1 km = 1000 m, 1 kg = 1000 g, 1 L = 1000 mL, 1 ft = 12 in, 1 yd = 3 ft, 1 lb = 16 oz.

Example: 300 cm = ___ m. Going to a larger unit, divide: $300 / 100 = 3$ m.

1. 4 m = ___ cm

Answer: 400 cm (4 x 100)

2. 5,000 m = ___ km

Answer: 5 km (5000 / 1000)

3. 3 kg = ___ g

Answer: 3,000 g (3 x 1000)

4. 2,500 g = ___ kg

Answer: 2.5 kg (2500 / 1000)

5. 2 L = ___ mL

Answer: 2,000 mL (2 x 1000)

6. 48 in = ___ ft

Answer: 4 ft (48 / 12)

7. 5 yd = ___ ft

Answer: 15 ft (5 x 3)

8. 64 oz = ___ lb

Answer: 4 lb (64 / 16)

Challenge

9. A race is 3 km long. How many meters is that, and how many centimeters?

Answer: 3 km = 3,000 m; 3,000 m = 300,000 cm

10. How do you decide whether to multiply or divide?

Answer: To a smaller unit, multiply; to a larger unit, divide.