

Name _____

Metric Units of Length

Choose the most reasonable unit of measure. Write *mm*, *cm*, *m*, or *km*.

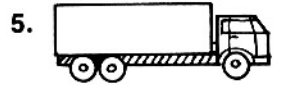
1. distance around a playground

2. thickness of a quarter

3. length of a pencil

4. distance from California to Maine

Circle *a*, *b*, or *c* to tell which measurement is the most reasonable.



length of a truck

a. 12 km

b. 12 m

c. 12 cm

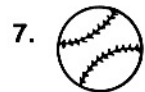


height of a television

a. 4 cm

b. 4 km

c. 4 dm



diameter of a tennis ball

a. 3 cm

b. 3 dm

c. 3 km

Mixed Applications

8. A vine grew 6 cm the first week, 4.3 cm the second week, 5.1 cm the third week, and 7.8 cm the fourth week. How many cm is that?

9. Kelly measured Jack's height to be 4.3 decimeters. Jack measured Kelly's height to be 1.5 meters. Whose measurement was reasonable?

NUMBER SENSE

Use the table to answer the questions.

1,000 mm = 1 m
100 cm = 1 m
10 dm = 1 m
1 km = 1,000 m

10. 1 km = _____ dm

11. 1 km = _____ cm

12. 1 km = _____ mm

Metric Units of Length

Answer Key

1. m
2. mm
3. cm
4. km
5. b
6. c
7. a
8. 23.2 cm
9. Jack's measurement of Kelly
10. 10,000
11. 100,000
12. 1,000,000

