

# Converting between units of length: kilometers and meters

Name:

Date:

## 1 kilometer = 1000 meters

1

**KILOMETERS (km) to METERS (m)**

To convert from kilometers to meters, **MULTIPLY** by 1000.

a)  $8 \text{ km} = 8000 \text{ m}$

e)  $9.167 \text{ km} = 9167 \text{ m}$

b)  $2.2 \text{ km} = 2200 \text{ m}$

f)  $0.5 \text{ km} = 500 \text{ m}$

c)  $6.25 \text{ km} = 6250 \text{ m}$

g)  $0.207 \text{ km} = 207 \text{ m}$

d)  $4.4 \text{ km} = 4400 \text{ m}$

h)  $15.99 \text{ km} = 15990 \text{ m}$

2

**METERS (m) to KILOMETERS (km)**

To convert from meters to kilometers, **DIVIDE** by 1000.

a)  $3000 \text{ m} = 3 \text{ km}$

e)  $325 \text{ m} = 0.325 \text{ km}$

b)  $5900 \text{ m} = 5.9 \text{ km}$

f)  $565 \text{ m} = 0.565 \text{ km}$

c)  $6750 \text{ m} = 6.75 \text{ km}$

g)  $90 \text{ m} = 0.09 \text{ km}$

d)  $8050 \text{ m} = 8.05 \text{ km}$

h)  $18355 \text{ m} = 18.355 \text{ km}$

3

**QUESTIONS:**

a) Mila ran 2500 m. How many kilometers did Mila run? 2.5 km

b) A track is 3.5 km long. How many meters in two laps? 7000 m

c) The cyclists completed four laps of a 500 m track. How many kilometers did they ride? 2 km

d) James completed 10 laps of a 400 m running track. How many kilometers did James run? 4 km

e) Kelly walks 400 meters each way to school. How many kilometers does she walk in a 5 day week? 4 km