

Name: _____

Linear Measurement Conversions

Millimeters, Centimeters, Meters, and Kilometers

1 centimeter (cm) = 10 millimeters (mm)

1 meter (m) = 100 centimeters (cm)

1 kilometer (km) = 1,000 meters (m)

example: 12.5 m = 1,250 cm

$$12.5 \times 100 = 1,250$$

a. 32 m = _____ cm

b. 14 km = _____ m

c. _____ cm = 85 mm

d. _____ m = 720 cm



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k. _____ km = 1,200 m

l. _____ m = 350 cm

m. Mason is moving to a new house. His new house is 3.5 kilometers from his old house. How many meters is the new house from the old house?

answer: _____

n. Dewitt has one piece of wood that is 12.4 centimeters long and another piece that is 8.3 centimeters long. If he connects them end-to-end, how many millimeters long will the wood be?

answer: _____

ANSWER KEY

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answer: 3,500 meters

millimeters long will the wood be?

answer: 207 millimeters