Metric Length Worksheets
(km, m, cm)

Name _____   Date _____

1. Convert the measurements.

    a. 1 km = _____ m

    b. 4 km = _____ m

    c. 7 km = _____ m

    d. _____ km = 18,000 m

    e. 1 m = _____ cm

    f. 3 m = _____ cm

    g. 80 m = _____ cm

    h. _____ m = 12,000 cm

2. Convert the measurements.

    a. 3 km 312 m = _____ m

    b. 13 km 27 m = _____ m

    c. 915 km 8 m = _____ m

    d. 3 m 56 cm = _____ cm

    e. 14 m 8 cm = _____ cm

    f. 120 m 46 cm = _____ cm

3. Solve.

    a. 4 km − 280 m

    b. 1 m 15 cm − 34 cm

    c. Express your answer in the smaller unit:
       1 km 431 m + 13 km 169 m

    d. Express your answer in the smaller unit:
       231 m 31 cm − 14 m 48 cm

    e. 67 km 230 m + 11 km 879 m

    f. 67 km 230 m − 11 km 879 m

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Metric Length Worksheets
(km, m, cm)

1. Convert the measurements.

a. 1 km = __1,000__ m

b. 4 km = __4,000__ m

c. 7 km = __7,000__ m

d. __18__ km = 18,000 m

e. 1 m = __100__ cm

f. 3 m = __300__ cm

g. 80 m = __8,000__ cm

h. __120__ m = 12,000 cm

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2. Convert the measurements.

a. 3 km 312 m = __3,312__ m

b. 13 km 27 m = __13,027__ m

c. 915 km 8 m = __915,008__ m

d. 3 m 56 cm = __356__ cm

e. 14 m 8 cm = __1,408__ cm

f. 120 m 46 cm = __12,046__ cm

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3. Solve.

a. 4 km − 280 m = **3 km 720 m**

$$280m \xrightarrow{+20m} 300m \xrightarrow{+700m} 1km \xrightarrow{+3km} 4km$$

b. 1 m 15 cm − 34 cm = **81 cm**

$$\begin{aligned} &\overset{0}{1}\overset{11}{1}5 \text{ cm}\\ -\ &\ \ 34 \text{ cm}\\ \hline &\ \ 81 \text{ cm} \end{aligned}$$

c. Express your answer in the smaller unit:

1 km 431 m + 13 km 169 m = **14,600 m**

$$\begin{aligned} &\ \ 1,431 \text{ m}\\ +\ &13,169 \text{ m}\\ \hline &14,600 \text{ m} \end{aligned}$$

d. Express your answer in the smaller unit:

231 m 31 cm − 14 m 48 cm = **21,683 cm**

$$\begin{aligned} &23,131 \text{ cm}\\ -\ &\ \ 1,448 \text{ cm}\\ \hline &21,683 \text{ cm} \end{aligned}$$

e. 67 km 230 m + 11 km 879 m = **79 km 109 m**

$$\begin{aligned} &67 \text{ km } 230 \text{ m}\\ +\ &11 \text{ km } 879 \text{ m}\\ \hline &78 \text{ km } 1109 \text{ m} \end{aligned}$$

1000 109

f. 67 km 230 m − 11 km 879 m = **55 km 351 m**

$$\begin{aligned} &67 \text{ km } 230 \text{ m}\\ -\ &11 \text{ km } 879 \text{ m}\\ \hline &55 \text{ km } 351 \text{ m} \end{aligned}$$