

Name _____

Date _____

1. Convert the measurements.

a. $1 \text{ km} = \underline{\hspace{2cm}} \text{ m}$

b. $4 \text{ km} = \underline{\hspace{2cm}} \text{ m}$

c. $7 \text{ km} = \underline{\hspace{2cm}} \text{ m}$

d. $\underline{\hspace{2cm}} \text{ km} = 18,000 \text{ m}$

e. $1 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

f. $3 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

g. $80 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

h. $\underline{\hspace{2cm}} \text{ m} = 12,000 \text{ cm}$

2. Convert the measurements.

a. $3 \text{ km } 312 \text{ m} = \underline{\hspace{2cm}} \text{ m}$

b. $13 \text{ km } 27 \text{ m} = \underline{\hspace{2cm}} \text{ m}$

c. $915 \text{ km } 8 \text{ m} = \underline{\hspace{2cm}} \text{ m}$

d. $3 \text{ m } 56 \text{ cm} = \underline{\hspace{2cm}} \text{ cm}$

e. $14 \text{ m } 8 \text{ cm} = \underline{\hspace{2cm}} \text{ cm}$

f. $120 \text{ m } 46 \text{ cm} = \underline{\hspace{2cm}} \text{ cm}$

3. Solve.

a. $4 \text{ km} - 280 \text{ m}$

b. $1 \text{ m } 15 \text{ cm} - 34 \text{ cm}$

c. Express your answer in the smaller unit:
 $1 \text{ km } 431 \text{ m} + 13 \text{ km } 169 \text{ m}$

d. Express your answer in the smaller unit:
 $231 \text{ m } 31 \text{ cm} - 14 \text{ m } 48 \text{ cm}$

e. $67 \text{ km } 230 \text{ m} + 11 \text{ km } 879 \text{ m}$

f. $67 \text{ km } 230 \text{ m} - 11 \text{ km } 879 \text{ m}$

Use a tape diagram to model each problem. Solve using a simplifying strategy or an algorithm, and write your answer as a statement.

- The length of Carter's driveway is 12 m 38 cm. His neighbor's driveway is 4 m 99 cm longer. How long is his neighbor's driveway?
- Enya walked 2 km 309 m from school to the store. Then, she walked from the store to her home. If she walked a total of 5 km, how far was it from the store to her home?
- Rachael has a rope 5 m 32 cm long that she cut into two pieces. One piece is 249 cm long. How many centimeters long is the other piece of rope?
- Jason rode his bike 529 fewer meters than Allison. Jason rode 1 km 850 m. How many meters did Allison ride?