Name _____ Date _____

1. Find the equivalent measures.

a. 5 km = _____ m

b. 13 km = _____ m

c. _____ km = 17,000 m

d. 60 km = _____ m

e. 7 m = _____ cm

f. 19 m = _____ cm

g. _____ m = 2,400 cm

h. 90 m = _____ cm

2. Find the equivalent measures.

a. 7 km 123 m = _____ m

b. 22 km 22 m = _____ m

c. 875 km 4 m = _____ m

d. 7 m 45 cm = _____ cm

e. 67 m 7 cm = _____ cm

f. 204 m 89 cm = _____ cm

3. Solve.

a. 2 km 303 m − 556 m

b. 2 m − 54 cm

c. Express your answer in the smaller unit:
338 km 853 m + 62 km 71 m

d. Express your answer in the smaller unit:
800 m 35 cm − 154 m 49 cm

e. 701 km − 523 km 445 m

f. 231 km 811 m + 485 km 829 m

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

4. The length of Celia's garden is 15 m 24 cm. The length of her friend's garden is 2 m 98 cm more than Celia's. What is the length of her friend's garden?

5. Sylvia ran 3 km 290 m in the morning. Then, she ran some more in the evening. If she ran a total of 10 km, how far did Sylvia run in the evening?

6. Jenny's sprinting distance was 356 meters shorter than Tyler's. Tyler sprinted a distance of 1 km 3 m. How many meters did Jenny sprint?

7. The electrician had 7 m 23 cm of electrical wire. He used 551 cm for one wiring project. How many centimeters of wire does he have left?