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
Lesson 1 Homework

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?