

## Measurement Conversions Word Problems



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

1. 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?
2. 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 she run in the evening?
3. 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?
4. The electrician had 7 m 23 cm of electrical wire. He used 551 cm for one wiring project. How many centimeters of wire did he have left?