

2.MD.5 — Adding and Subtracting Lengths Word Problems

Word Problems • Grade 2 • CCSS 2.MD.5

Name: _____

Date: _____

Read each word problem carefully, then solve using addition or subtraction.

1. A worm is 8 centimeters long. Another worm is 5 centimeters long. How long are the two worms together?

2. Maria has a ribbon that is 24 inches long. She cuts off 9 inches to wrap a gift. How many inches of ribbon does she have left?

3. A blue crayon is 12 centimeters long. A red crayon is 7 centimeters long. How much longer is the blue crayon than the red crayon?

4. Jake walks 35 meters to school. Then he walks 18 more meters to the library. How many meters does Jake walk in all?

5. A garden hose is 50 feet long. A second hose is 30 feet long. If you connect them end to end, how long are the two hoses together?

6. A piece of rope is 47 inches long. Sam cuts off 19 inches. How many inches of rope are left?

7. Lily's pencil is 16 centimeters long. Tom's pencil is 9 centimeters long. How long are both pencils together?

8. A caterpillar crawled 42 centimeters up a branch. Then it crawled back down 17 centimeters. How far up the branch is the caterpillar now?
9. One side of a garden is 38 feet long. Another side is 25 feet long. What is the total length of those two sides?
10. A bookshelf is 90 centimeters wide. A stack of books takes up 54 centimeters. How many centimeters of empty space are left on the shelf?
11. A jump rope is 78 inches long. Another jump rope is 15 inches long. How much longer is the first jump rope than the second?
12. Pedro swam 29 meters across the pool. Then he swam 33 more meters. How many meters did Pedro swim in all?
13. A snake is 55 centimeters long. A lizard is 28 centimeters long. How much longer is the snake than the lizard?
14. Anna's scarf is 40 inches long. She wants it to be 65 inches long. How many more inches of scarf does she need to knit?
15. A path through the park is 67 meters long. Workers paved 39 meters of it. How many meters are still unpaved?
16. Two toy trains are placed end to end. One train is 31 centimeters long and the other is 46 centimeters long. How long are they together?
17. A fence on the left side of the yard is 22 feet long. A fence on the right side is 48 feet long. How long are both fences together?

18. A string of lights is 85 inches long. Ben uses 57 inches to decorate the window. How many inches of lights are left?
19. Emma ran 44 meters in the morning and 36 meters in the afternoon. How many meters did she run in all?
20. A wooden board is 99 centimeters long. A builder cuts off 43 centimeters. How long is the remaining piece of board?
21. A hallway is 76 feet long. A rug covers 49 feet of the hallway. How many feet of the hallway are not covered by the rug?
22. Carlos has two pieces of wire. One piece is 17 centimeters long and the other is 58 centimeters long. How long are both pieces of wire together?

Answer Key

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|-------------------|--------------------|--------------------|
| 1. 13 centimeters | 9. 63 feet | 17. 70 feet |
| 2. 15 inches | 10. 36 centimeters | 18. 28 inches |
| 3. 5 centimeters | 11. 63 inches | 19. 80 meters |
| 4. 53 meters | 12. 62 meters | 20. 56 centimeters |
| 5. 80 feet | 13. 27 centimeters | 21. 27 feet |
| 6. 28 inches | 14. 25 inches | 22. 75 centimeters |
| 7. 25 centimeters | 15. 28 meters | |
| 8. 25 centimeters | 16. 77 centimeters | |