

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

Measurement • Grade 2 • Word Problems • Set A • 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?

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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?

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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?

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

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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?

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

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

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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?

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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?

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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?

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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?

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12. Pedro swam 29 meters across the pool. Then he swam 33 more meters. How many meters did Pedro swim in all?

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13. A snake is 55 centimeters long. A lizard is 28 centimeters long. How much longer is the snake than the lizard?

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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?

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15. A path through the park is 67 meters long. Workers paved 39 meters of it. How many meters are still unpaved?

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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?

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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?

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18. A string of lights is 85 inches long. Ben uses 57 inches to decorate the window. How many inches of lights are left?

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19. Emma ran 44 meters in the morning and 36 meters in the afternoon. How many meters did she run in all?

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20. A wooden board is 99 centimeters long. A builder cuts off 43 centimeters. How long is the remaining piece of board?

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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?

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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?

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## Answer Key

### 2.MD.5 — Adding and Subtracting Lengths Word Problems — Set A

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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 |                    |