

4.MD.2 — Measurement Word Problems: Four Operations

Word Problems • Grade 4 • CCSS 4.MD.2

Name: _____

Date: _____

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

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1. Maria ran 2.5 miles on Monday and 3.75 miles on Wednesday. How many miles did she run in total?

 2. A water tank holds 48 liters. A farmer pours the water equally into 6 buckets. How many liters does each bucket hold?

 3. Jake had \$15.50. He spent \$7.25 on lunch. How much money does Jake have left?

 4. A ribbon is 9.6 meters long. A craft teacher cuts it into 4 equal pieces. How long is each piece?

 5. A movie starts at 1:15 PM and lasts 2 hours and 45 minutes. What time does the movie end?

 6. Emma collects cans for recycling. She collected 3.5 kilograms on Saturday and 4.25 kilograms on Sunday. How many kilograms did she collect altogether?

 7. A school trip is 136 miles long. The bus has already traveled 79 miles. How many more miles does the bus need to travel?

8. Liam drinks 0.25 liters of juice at breakfast every day. How many liters of juice does he drink in 8 days?
9. A store sold 5 scarves for \$42.50 total. Each scarf costs the same price. How much does one scarf cost?
10. Practice soccer starts at 3:30 PM and ends at 5:15 PM. How long is soccer practice?
11. A recipe needs 1.5 cups of sugar. Sofia wants to make 6 batches of the recipe. How many cups of sugar does she need in all?
12. Three friends share a bag of trail mix equally. The bag weighs 4.5 kilograms. How many kilograms does each friend get?
13. A garden hose releases 7.5 liters of water per minute. How many liters of water will flow out in 4 minutes?
14. Tom saved \$124.75 in January and \$98.50 in February. How much money did he save in both months combined?
15. A hiking trail is 12.8 kilometers long. A group has already hiked 5.6 kilometers. How many kilometers are left to hike?
16. A librarian has 56 books to place equally on 7 shelves. How many books go on each shelf?
17. An ice cream shop uses 0.75 liters of milk for each milkshake. How many liters of milk are needed to make 8 milkshakes?

18. Maya earned \$6.50 per hour helping her neighbor. She worked for 4 hours. How much money did Maya earn?
19. A train leaves the station at 8:40 AM and arrives at its destination at 11:10 AM. How long did the train ride take?
20. A fish tank contains 36.8 liters of water. After some evaporates, it holds 29.5 liters. How many liters evaporated?
21. Sam has a piece of lumber that is 7.2 meters long. He cuts it into 9 equal pieces. How long is each piece?
22. A bakery sold muffins for \$1.25 each. They sold 24 muffins in one morning. How much money did the bakery earn from muffins?

Answer Key

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|-------------------|-----------------------|------------------------|
| 1. 6.25 miles | 9. \$8.50 | 17. 6 liters |
| 2. 8 liters | 10. 1 hour 45 minutes | 18. \$26.00 |
| 3. \$8.25 | 11. 9 cups | 19. 2 hours 30 minutes |
| 4. 2.4 meters | 12. 1.5 kilograms | 20. 7.3 liters |
| 5. 4:00 PM | 13. 30 liters | 21. 0.8 meters |
| 6. 7.75 kilograms | 14. \$223.25 | 22. \$30.00 |
| 7. 57 miles | 15. 7.2 kilometers | |
| 8. 2 liters | 16. 8 books | |