

4.MD.1 — Measurement Conversions Word Problems

Measurement • Grade 4 • Word Problems • Set B • CCSS 4.MD.1

Name: _____

Date: _____

Read each word problem carefully, convert the measurements, and write your answer with the correct unit.

1. Xavier measured a bag of dog food at 7 pounds. Xavier needs to record it in ounces. How many ounces is that?

2. A concert is 2 hours and 30 minutes long. How many minutes long is the concert in total?

3. A bag of flour weighs 4 pounds. How many ounces does the bag of flour weigh?

4. Kira measured a batch of orange juice at 7 gallons. Kira needs to record it in cups. How many cups is that? (1 gallon = 16 cups)

5. A baseball game is 2 hours and 15 minutes long. How many minutes long is the baseball game in total?

6. A camping trip lasts 2 days. How many hours is that in total?

7. Ivan measured a bike path at 4 miles. Ivan needs to record it in yards. How many yards is that? (1 mile = 1,760 yards)

8. A train ride is 2 hours and 30 minutes long. How many minutes long is the train ride in total?

9. A tree is 4 yards long. How many feet long is the tree?

10. Victor measured a pot of soup at 8 quarts. Victor needs to record it in cups. How many cups is that? (1 quart = 4 cups)

11. A baseball game is 2 hours and 45 minutes long. How many minutes long is the baseball game in total?

12. A tank of lemonade holds 2 gallons. How many pints does the tank of lemonade hold? (1 gallon = 8 pints)

13. Uma measured a school hallway at 7 yards. Uma needs to record it in feet. How many feet is that?

14. A movie is 1 hour and 30 minutes long. How many minutes long is the movie in total?

15. A camping trip lasts 4 days. How many hours is that in total?

16. Quinn measured a fence at 6 miles. Quinn needs to record it in feet. How many feet is that? (1 mile = 5,280 feet)

17. A concert is 1 hour and 15 minutes long. How many minutes long is the concert in total?

18. A baby elephant weighs 3 tons. How many pounds does the baby elephant weigh?

19. Diego measured a batch of orange juice at 4 gallons. Diego needs to record it in pints. How many pints is that? (1 gallon = 8 pints)

20. A train ride is 1 hour and 45 minutes long. How many minutes long is the train ride in total?

21. A sack of potatoes weighs 2 pounds. How many ounces does the sack of potatoes weigh?

22. Yara measured a tank of lemonade at 4 gallons. Yara needs to record it in quarts. How many quarts is that?

Answer Key

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|----------------|-----------------|------------------|
| 1. 112 ounces | 9. 12 feet | 17. 75 minutes |
| 2. 150 minutes | 10. 32 cups | 18. 6,000 pounds |
| 3. 64 ounces | 11. 165 minutes | 19. 32 pints |
| 4. 112 cups | 12. 16 pints | 20. 105 minutes |
| 5. 135 minutes | 13. 21 feet | 21. 32 ounces |
| 6. 48 hours | 14. 90 minutes | 22. 16 quarts |
| 7. 7,040 yards | 15. 96 hours | |
| 8. 150 minutes | 16. 31,680 feet | |