

Building Project Calculations

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5th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. $3/4 + 1/2 =$ _____

2. $2.5 + 3.75 =$ _____

3. A plank is 8 feet long. If you cut off 2.5 feet, how long is the remaining plank?

4. $12 - 5/6 =$ _____

5. A room is 10 feet by 12 feet. What is the area in square feet?

6. Circle the greater number: $3/3$:

5 or 2

7. What number comes next? 2, 4, 6, _____

8. 1 meter = 100 centimeters

True False

9. You need 3.5 gallons of paint. If each can holds 1.75 gallons, how many cans do you need to buy?

10. $5 \times 3/4 =$ _____

11. If a wall is 9 feet tall and 12 feet wide, what is the volume of paint needed if 1 gallon covers 400 sq ft?

12. $15.6 - 4.2 =$ _____

13. If a box has dimensions 2 ft x 3 ft x 4 ft, what is its volume in cubic feet?

14. $3/8 \times 16 =$ _____

15. You are building a fence that is 50 feet long and you have $1/5$ of it completed. How much is left to build?

Answer Key

1. 5/4 2. 6.25 3. 5.5 4. 11 1/6 5. 120 6. 2/3 7. 8 8. True 9. 2 10. 15/4 11. 1 12. 11.4 13. 24 14. 6 15. 40