

# Science Experiment Math Practice

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5th Grade Math Practice

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Solve each problem. Show your work when needed.

1.  $3/4 + 1/2 =$  \_\_\_\_\_

2.  $2.5 - 1.3 =$  \_\_\_\_\_

3. Emma measured 2.5 liters of water for her experiment. She used 1.2 liters. How much water is left?

\_\_\_\_\_

4.  $6 \times 1/3 =$  \_\_\_\_\_

5. A scientist recorded temperatures of 23.4°C, 25.1°C, and 22.9°C. What was the average temperature? (Round to one decimal place)

\_\_\_\_\_

6. Circle the greater number: 5.9:

6 or  5

7. What number comes next? 20, 25, 30, \_\_\_\_\_

8.  $0.75 < 0.5$

True  False

9. If a plant grew 1.5 cm in the first week and 2.25 cm in the second week, how much did it grow in total?

\_\_\_\_\_

10.  $8/10 - 3/10 =$  \_\_\_\_\_

11. A box can hold 2.5 cubic meters. How many cubic meters would 4 boxes hold?

\_\_\_\_\_

12.  $12 + 15 - 7 =$  \_\_\_\_\_

13. If it takes 2 minutes to mix 1 solution and 5 minutes for another, how long does it take to mix both solutions?

\_\_\_\_\_

14.  $4.5 \times 2 =$  \_\_\_\_\_

15. A recipe calls for  $3/4$  cup of sugar. If you want to make half the recipe, how much sugar do you need?

\_\_\_\_\_

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**Answer Key**

1.  $5/4$  or  $1.25$  2.  $1.2$  3.  $1.3$  4.  $2$  5.  $23.5$  6.  $5.9$  7.  $35$  8. False 9.  $3.75$  10.  $1/2$  or  $0.5$  11.  $10$  12.  $20$  13.  $7$  14.  $9$  15.  $3/8$