

Advanced Problem Solving Strategies

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5th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

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

2. Liam bought 2.5 meters of rope and cut it into 5 equal pieces. How long is each piece?

3. $8.6 - 3.1 =$ _____

4. Emma has $3/5$ of a pizza left. She eats $1/5$ of it. How much pizza is left?

5. Circle the greater number: 7..8:

4 or 7

6. What number comes next? 2.5, 3.5, 4.5, _____

7. $5/8 < 3/4$

True False

8. A jug can hold 3 liters of water. If it currently has 1.5 liters, how much more can it hold?

9. $12 \times 3 =$ _____

10. A recipe needs $2/3$ cup of sugar. If you want to make half the recipe, how much sugar do you need?

11. $15 \div 3 =$ _____

12. If a box has a volume of 60 cubic centimeters and has a length of 4 cm and a width of 3 cm, what is its height?

13. What number comes next? 1, 2, 4, 8, _____

14. If Sarah read $1/4$ of a book on Monday and $1/3$ on Tuesday, how much of the book has she read in total?

15. Circle the greater number: 0..7:

75 0

_____ or _____

Answer Key

1. $5/4$ or 1.25 2. 0.5 3. 5.5 4. $2/5$ 5. 7.8 6. 5.5 7. True 8. 1.5 9. 36 10. $1/3$ 11. 5 12. 5 13. 16 14. $7/12$ 15. 0.75