

# 5th Grade 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.  $5.6 - 2.3 =$  \_\_\_\_\_

3. Lisa has 1.5 meters of ribbon. She uses 0.75 meters. How much ribbon is left?

\_\_\_\_\_

4.  $8 \times 3/4 =$  \_\_\_\_\_

5. A box has 12 apples. If  $3/4$  of them are red, how many are red?

\_\_\_\_\_

6. Circle the greater number: 15..65:

6    or     15

7. What number comes next? 2, 4, 8, \_\_\_\_\_

8.  $1/3 + 1/4 > 1/2$

True     False

9. If a rectangle has a length of 10 cm and a width of 5 cm, what is its area?

\_\_\_\_\_

10.  $5 + (6 \times 2) =$  \_\_\_\_\_

11. A car can travel 60 miles on 1.5 gallons of gas. How many miles can it travel on 3 gallons?

\_\_\_\_\_

12. Samantha read  $1/3$  of her book on Monday and  $1/4$  on Tuesday. What fraction of the book is read?

\_\_\_\_\_

13. Convert 5 kilometers to meters: \_\_\_\_\_

14. Tom has \$50. He buys 3 books for \$12 each. How much money does he have left?

\_\_\_\_\_

15. If you have  $2/5$  of a pizza and eat  $1/10$  of it, how much pizza do you have left?

\_\_\_\_\_

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**Answer Key**

1. 5/4   2. 3.3   3. 0.75   4. 6   5. 9   6. 15.65   7. 16   8. True   9. 50   10. 17   11. 120   12. 7/12   13. 5000   14. 2   15. 3/10

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