

# Measuring with Fraction Precision

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4th Grade Math Practice

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

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

Solve each problem. Show your work when needed.

1.  $3/4 + 1/8 =$  \_\_\_\_\_

2.  $5/6 - 1/3 =$  \_\_\_\_\_

3.  $2.35 + 1.47 =$  \_\_\_\_\_

4.  $12.5 - 3.75 =$  \_\_\_\_\_

5. A pencil measures  $6\frac{1}{4}$  inches long. If you cut off  $1\frac{1}{2}$  inches, how long is it now?

\_\_\_\_\_

6. Liam has a ribbon that is 5 feet long. He cuts it into 4 equal pieces. How long is each piece?

\_\_\_\_\_

7. Circle the smaller fraction:  $2/4$ :

3 or  3

8. What number comes next?  $1/8, 1/4, 3/8, \underline{\hspace{1cm}}$

9.  $3/4 < 1/2$

True  False

10. A board is  $3\frac{1}{2}$  feet long. If you measure it in inches, how many inches is that?

\_\_\_\_\_

11.  $7/8 + 1/4 =$  \_\_\_\_\_

12. Sara measures her desk and finds it is  $2\frac{3}{4}$  feet wide. If she wants to add a shelf  $1/2$  foot deep, how deep will the total be?

\_\_\_\_\_

13.  $9.75 - 4.25 =$  \_\_\_\_\_

14. Circle the greater number:  $3.62$ :

6 or  3

15. What number comes next?  $1/2, 3/4, \underline{\hspace{1cm}}$

16.  $\frac{1}{8} + \frac{1}{8} = \frac{1}{4}$

True  False

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**Answer Key**

1.  $\frac{7}{8}$  2.  $\frac{1}{2}$  3. 3.82 4. 8.75 5.  $4\frac{3}{4}$  6.  $1\frac{1}{4}$  7.  $\frac{2}{3}$  8.  $\frac{1}{2}$  9. False 10. 42 11.  $1\frac{1}{8}$  12.  $3\frac{1}{4}$  13. 5.5 14. 3.62 15. 1 16. True