

Multiplying Fractions by Whole Numbers

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4th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. $3 \times (1/2) = \underline{\quad}$

2. $5 \times (2/3) = \underline{\quad}$

3. $8 \times (3/4) = \underline{\quad}$

4. Sarah has 6 pieces of fabric. She uses $(2/3)$ of them for her project. How many pieces does she use?

5. A pizza is cut into 8 slices. If John eats $(1/4)$ of the pizza, how many slices does he eat?

6. Circle the smaller number: $1/4$:

3 or 3

7. What number comes next? $1/2, 1, 1 \frac{1}{2}, \underline{\quad}$

8. Multiplying a number by $(1/2)$ makes it larger. True or False?

True False

9. $4 \times (5/6) = \underline{\quad}$

10. $7 \times (3/5) = \underline{\quad}$

11. Daniel has 10 apples. He gives away $(1/5)$ of them. How many apples does he give away?

12. A recipe requires $(3/4)$ cup of sugar. If you make 4 batches, how many cups of sugar do you need?

13. $9 \times (2/9) = \underline{\quad}$

14. Circle the greater number: $1/2$:

2 or 1

15. If a garden is $(2/3)$ of an acre, how many acres is a garden that is 3 times larger?

16. Multiplying by a fraction greater than 1 will reduce a number. True or False?

True False

Answer Key

1. 1.5 2. $\frac{10}{3}$ 3. 6 4. 4 5. 2 6. $\frac{3}{4}$ 7. 2 8. False 9. $\frac{20}{6}$ 10. $\frac{21}{5}$ 11. 2 12. 3 13. 2 14. 2 15. 2 16. False