

Equal Shares and Areas

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3rd Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. $8 \div 2 = \underline{\quad}$

2. $6 \times 4 = \underline{\quad}$

3. A rectangle is divided into 4 equal parts. If the total area is 32 square units, what is the area of each part?

4. Circle the greater area: Area of a square with side 5 or Area of a rectangle with length 6 and width 3

5. What number comes next in the sequence? $1/4, 1/2, 3/4, \underline{\quad}$

6. $15 - 7 = \underline{\quad}$

7. Emma has a pizza cut into 8 equal slices. She eats 3 slices. How many slices are left?

8. All parts of a shape must be the same size for them to be equal parts.

True False

9. $9 \times 3 = \underline{\quad}$

10. A garden is shaped like a square with a side length of 4 meters. What is the total area of the garden?

11. Which has a smaller area: a rectangle with dimensions 2x5 or a square with side length 4?

12. What number comes next? 3, 6, 9, $\underline{\quad}$

13. $20 \div 4 = \underline{\quad}$

14. If a cake is cut into 6 equal pieces and Sarah eats $1/2$ of it, how many pieces does she eat?

15. Cutting a shape into smaller parts changes its total area.

True False

Answer Key

1. 4 2. 24 3. 8 4. Area of the square (25 vs 18) 5. 1 6. 8 7. 5 8. True 9. 27 10. 16 11. Rectangle (10 vs 16) 12. 12 13. 5 14. 3 15. False

Made by Kylie Tyler & Jim Tyler with support from Dan, Barb, and Darren Tyler