



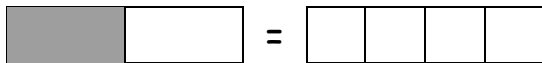
Fraction Detectives: The Case of the Equal Slices



Some fractions look different but have the same value. Find the equivalent fractions to solve the case!

Part 1: Find the Missing Number

1. $1/2 = ?/4$ _____



2. $2/3 = \quad/6$ _____

3. $3/4 = \quad/8$ _____

4. $1/5 = 2/\quad$ _____

5. $4/6 = \quad/3$ _____

6. $6/8 = 3/\quad$ _____

Part 2: True or False?

7. Is $1/4$ equivalent to $2/8$? (True/False) _____

8. Is $\frac{2}{5}$ equivalent to $\frac{4}{10}$? (True/False) _____

9. Is $\frac{1}{2}$ equivalent to $\frac{3}{5}$? (True/False) _____

10. Is $\frac{3}{3}$ equivalent to $\frac{5}{5}$? (True/False) _____

Part 3: Detective Work

11. Circle ALL fractions equivalent to $\frac{1}{2}$: $\frac{2}{4}$ $\frac{3}{5}$ $\frac{4}{8}$ $\frac{5}{10}$

12. Write a fraction with a denominator of 10 that is equivalent to $\frac{1}{5}$.

13. Write any fraction that is equivalent to 1. _____

14. Maria ate $\frac{1}{2}$ of a pizza. John ate $\frac{4}{8}$ of a pizza of the same size. Did they eat the same amount? (Yes/No) _____

15. A recipe needs $\frac{2}{3}$ cup of flour. You only have a $\frac{1}{6}$ cup measure. How many times do you need to fill the $\frac{1}{6}$ cup measure?

Answer Key

Part 1: 1. 2 | 2. 4 | 3. 6 | 4. 10 | 5. 2 | 6. 4

Part 2: 7. True | 8. True | 9. False | 10. True

Part 3: 11. $\frac{2}{4}$, $\frac{4}{8}$, $\frac{5}{10}$ | 12. $\frac{2}{10}$ | 13. Any fraction where the numerator and denominator are the same (e.g., $\frac{2}{2}$, $\frac{8}{8}$) | 14. Yes | 15. 4 times