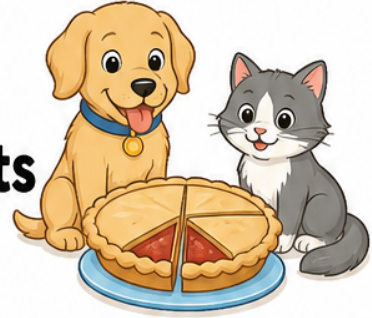


Equivalent Fractions: Same Amount, Different Parts



Hi Maya! This worksheet was made just for you.

Directions: Find the fractions that name the same amount. Write each answer on the line, and show your work for the word problems.

Example

Which fraction is equivalent to $\frac{1}{2}$: $\frac{2}{4}$, $\frac{3}{5}$, or $\frac{4}{10}$?

Equivalent fractions name the same amount of the whole.

$\frac{1}{2}$ means 1 out of 2 equal parts.

$\frac{2}{4}$ means 2 out of 4 equal parts, which is the same amount as $\frac{1}{2}$.

So the answer is $\frac{2}{4}$.

1. Which pair of fractions is equivalent?

☐ $\frac{1}{2}$ and $\frac{2}{4}$ ☐ $\frac{1}{2}$ and $\frac{3}{4}$ ☐ $\frac{2}{3}$ and $\frac{3}{5}$

2. Which fraction is equivalent to $\frac{3}{4}$?

☐ $\frac{6}{8}$ ☐ $\frac{3}{8}$ ☐ $\frac{4}{6}$

3. Yes or No: If two fractions are equivalent, they name the same amount of the whole.

☐ Yes ☐ No

4. Yes or No: A larger denominator always means a larger fraction.

☐ Yes ☐ No

5. Fill in the blank: $\frac{2}{3} = \frac{\boxed{}}{6}$

6. Fill in the blank: $\frac{4}{8} = \frac{\boxed{}}{2}$

7. Circle the fraction that is equivalent to $\frac{5}{6}$.

$\frac{10}{12}$ $\frac{5}{12}$ $\frac{6}{10}$

8. Compare the fractions: $\frac{2}{4}$ — $\frac{1}{2}$

9. Compare the fractions: $\frac{3}{6}$ — $\frac{2}{3}$

10. A whole pan of dog treats is cut into 4 equal rows. Maya gives away $\frac{2}{4}$ of the pan. Write an equivalent fraction with denominator 8.

11. A cat toy shelf is 1 whole shelf. If $\frac{3}{6}$ of the shelf is filled with toys, what fraction of the shelf is that in simplest form?

12. Write one fraction equivalent to $\frac{4}{5}$.

Equivalent Fractions: Same Amount, Different Parts — Answer Key

Example: Which fraction is equivalent to $\frac{1}{2}$: $\frac{2}{4}$, $\frac{3}{5}$, or $\frac{4}{10}$? Equivalent fractions name the same amount of the whole. $\frac{1}{2}$ means 1 out of 2 equal parts. $\frac{2}{4}$ means 2 out of 4 equal parts, which is the same amount as $\frac{1}{2}$. So the answer is $\frac{2}{4}$.

1. Which pair of fractions is equivalent? $\rightarrow \frac{1}{2}$ and $\frac{2}{4}$
2. Which fraction is equivalent to $\frac{3}{4}$? $\rightarrow \frac{6}{8}$
3. Yes or No: If two fractions are equivalent, they name the same amount of the whole. $\rightarrow$ Yes
4. Yes or No: A larger denominator always means a larger fraction. $\rightarrow$ No
5. Fill in the blank: $\frac{2}{3} = \frac{\quad}{6} \rightarrow 4$
6. Fill in the blank: $\frac{4}{8} = \frac{\quad}{2} \rightarrow 1$
7. Circle the fraction that is equivalent to $\frac{5}{6}$. $\rightarrow \frac{10}{12}$
8. Compare the fractions: $\frac{2}{4} \underline{\quad} \frac{1}{2} \rightarrow =$
9. Compare the fractions: $\frac{3}{6} \underline{\quad} \frac{2}{3} \rightarrow <$
10. A whole pan of dog treats is cut into 4 equal rows. Maya gives away $\frac{2}{4}$ of the pan. Write an equivalent fraction with denominator 8. $\rightarrow \frac{4}{8}$
11. A cat toy shelf is 1 whole shelf. If $\frac{3}{6}$ of the shelf is filled with toys, what fraction of the shelf is that in simplest form? $\rightarrow \frac{1}{2}$
12. Write one fraction equivalent to $\frac{4}{5}$. $\rightarrow \frac{8}{10}$