



Equivalent Fractions

Mana Maths

Te reo Māori terms



hautau ōrite

equivalent fraction

[Open in Te Aka](#)

hautau

fraction

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taurunga

numerator

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tauraro

denominator

[Open in Te Aka](#)

Foundation

1. Write a fraction equivalent to $\frac{1}{2}$.
2. Write a fraction equivalent to $\frac{2}{3}$.
3. Write a fraction equivalent to $\frac{3}{4}$.
4. Write a fraction equivalent to $\frac{4}{5}$.
5. Are $\frac{1}{2}$ and $\frac{2}{4}$ equivalent?
6. Are $\frac{3}{5}$ and $\frac{6}{10}$ equivalent?
7. Fill in the blank: $\frac{1}{3} = \frac{\square}{6}$.
8. Fill in the blank: $\frac{2}{5} = \frac{\square}{10}$.
9. Fill in the blank: $\frac{3}{4} = \frac{\square}{8}$.

10. Fill in the blank: $\frac{4}{7} = \frac{8}{\square}$.

11. Write a fraction equivalent to $\frac{5}{6}$.

12. Are $\frac{2}{8}$ and $\frac{1}{4}$ equivalent?

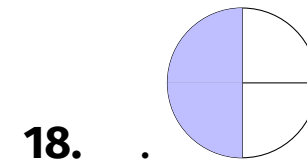
13. Fill in the blank: $\frac{3}{5} = \frac{12}{\square}$.

14. Write a fraction equivalent to $\frac{6}{7}$.

15. Are $\frac{4}{6}$ and $\frac{2}{3}$ equivalent?

16. Fill in the blank: $\frac{5}{8} = \frac{10}{\square}$.

17. Write a fraction equivalent to $\frac{7}{10}$.



Proficient

1. Write two different fractions equivalent to $\frac{3}{5}$.

2. Write two different fractions equivalent to $\frac{4}{7}$.

3. Fill in the blank: $\frac{5}{6} = \frac{\square}{18}$.

4. Fill in the blank: $\frac{7}{8} = \frac{21}{\square}$.

5. Fill in the blank: $\frac{9}{10} = \frac{\square}{50}$.

6. Are $\frac{6}{9}$ and $\frac{10}{15}$ equivalent?

7. Are $\frac{8}{12}$ and $\frac{2}{3}$ equivalent?

8. Which fraction is equivalent to $\frac{2}{3}$: $\frac{6}{9}$, $\frac{4}{9}$, or $\frac{8}{15}$?

9. Which fraction is equivalent to $\frac{3}{4}$: $\frac{9}{12}$, $\frac{6}{10}$, or $\frac{12}{20}$?

10. Simplify **12/16** and state a fraction equivalent to it.

11. Write two different fractions equivalent to $\frac{5}{8}$.

12. Fill in the blank: $\frac{4}{9} = \frac{\square}{36}$.

13. Are $\frac{10}{15}$ and $\frac{14}{21}$ equivalent?

14. Simplify **18/24** and state a fraction equivalent to it.

15. Fill in the blank: $\frac{3}{7} = \frac{\square}{21}$.

16. Which fraction is equivalent to $\frac{4}{5}$: $\frac{8}{10}$, $\frac{4}{10}$, or $\frac{12}{20}$?

17. Are $\frac{9}{12}$ and $\frac{12}{16}$ equivalent?

18. Write two different fractions equivalent to $\frac{2}{9}$.

Excellence

1. Explain whether $\frac{14}{21}$ and $\frac{2}{3}$ are equivalent.
2. Explain whether $\frac{18}{24}$ and $\frac{3}{5}$ are equivalent.
3. One fraction is $\frac{3}{4}$. Write three different equivalent fractions.
4. Fill in both blanks: $\frac{\square}{12} = \frac{3}{4} = 5 \cdot \frac{21}{\square}$. A student says $\frac{4}{6}$ and $\frac{8}{10}$ are equivalent because both numbers doubled. Are they correct?
6. Shade a diagram to show a fraction equivalent to $\frac{2}{5}$.
7. Complete: if $\frac{a}{b} = \frac{12}{20}$, then a simpler equivalent fraction is _____.
8. Which does not belong: $\frac{1}{2}, \frac{2}{4}, \frac{3}{6}, \frac{4}{10}$?
9. Write a real-life example that could be represented by two equivalent fractions.

- 10.** Write your own pair of equivalent fractions and explain how you know.
- 11.** Explain whether $\frac{15}{20}$ and $\frac{9}{12}$ are equivalent.
- 12.** Fill in both blanks: $\frac{\square}{18} = \frac{2}{3} =$
- 13.** Explain whether $\frac{6}{8}$ and $\frac{9}{12}$ are equivalent.
- 14.** Complete: if $\frac{x}{y} = \frac{15}{25}$, then a simpler equivalent fraction is _____.
- 15.** Which does not belong: $\frac{2}{3}$, $\frac{4}{6}$, $\frac{6}{9}$, $\frac{10}{18}$?
- 16.** Write a real-life example for $\frac{3}{4}$ and an equivalent fraction.
- 17.** A student says $\frac{2}{5}$ and $\frac{6}{15}$ are not equivalent. Are they correct?
- 18.** Fill in both blanks: $\frac{\square}{20} = \frac{3}{5} =$