

Equivalent Fractions

Find the missing number to make the fractions equivalent.

1. $\frac{1}{3} = \frac{6}{18}$

2. $\frac{17}{34} = \frac{1}{2}$

3. $\frac{30}{35} = \frac{6}{7}$

4. $\frac{2}{5} = \frac{4}{10}$

5. $\frac{16}{48} = \frac{1}{3}$

6. $\frac{45}{60} = \frac{9}{12}$

Find the missing numerator to make the fractions equivalent.

7. $\frac{1}{3} = \frac{\quad}{9}$

8. $\frac{7}{9} = \frac{\quad}{63}$

9. $\frac{30}{40} = \frac{\quad}{8}$

10. $\frac{15}{35} = \frac{\quad}{7}$

11. $\frac{5}{15} = \frac{\quad}{3}$

12. $\frac{8}{36} = \frac{\quad}{18}$

13. $\frac{2}{12} = \frac{\quad}{6}$

14. $\frac{4}{28} = \frac{\quad}{7}$

Find the missing denominator to make the fractions equivalent.

15. $\frac{5}{12} = \frac{10}{\quad}$

16. $\frac{2}{7} = \frac{10}{\quad}$

17. $\frac{14}{80} = \frac{7}{\quad}$

18. $\frac{6}{18} = \frac{3}{\quad}$

19. $\frac{21}{60} = \frac{7}{\quad}$

20. $\frac{18}{24} = \frac{3}{\quad}$

21. $\frac{80}{100} = \frac{20}{\quad}$

22. $\frac{12}{\quad} = \frac{3}{16}$

23. $\frac{24}{\quad} = \frac{4}{5}$

24. $\frac{7}{\quad} = \frac{21}{36}$

25. What would the numerator of a fraction that is equivalent to $\frac{6}{8}$ and has a denominator of 24?
26. Susie is making a bracelet. She needs $\frac{1}{4}$ inches of yellow yarn. She has $\frac{3}{12}$ inches of yellow yarn. Does she have enough?
27. Julie finished 4 questions out of 16 on her math homework assignment. Write fractions that have the same value as the amount of homework she completed.
28. Kendall was using a measuring cup that was only divided into $\frac{1}{8}$. Her recipe for cookies called for $\frac{1}{2}$ cup. What equivalent fraction would she use?
29. Sammy needed a piece of wire that is $\frac{3}{4}$ inch long. He did not have a ruler that was marked in $\frac{1}{4}$. What equivalent fraction could he use?
30. Henry needed to measure a piece of tile to $\frac{1}{5}$ of an inch. He did not have a ruler that was marked in $\frac{1}{5}$. Which amount is equivalent to $\frac{1}{5}$?
- A $\frac{4}{7}$ B $\frac{4}{15}$ C $\frac{8}{15}$ D $\frac{2}{10}$