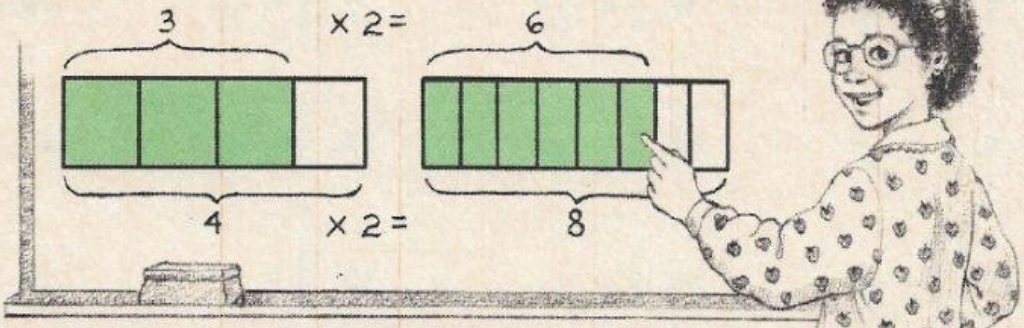
Watch the video then solve the problems

Finding Equivalent Fractions

Bobbi discovered a shortcut for finding equivalent fractions. Use her shortcut to find the missing numbers.





We want to know how to use the shortcut for finding equivalent fractions. We can compare the shaded areas of the rectangles to see what has happened to the numerator and denominator in equivalent fractions.

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

What number times 3 equals 6? What number times 4 equals 8?

$$\frac{3}{4} \times \frac{\quad}{\quad} = \frac{6}{8}$$

The numerator and the denominator are multiplied by the same number.

Usually, we know the denominator of an equivalent fraction.

What number times 3 equals the denominator 12?

$$\frac{2}{3} = \frac{\quad}{12}$$

Multiply the numerator by the same number. For this fraction, multiply by 4.

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Write the missing numerators.

1. $\frac{1}{4} = \frac{\quad}{12}$
2. $\frac{5}{6} = \frac{\quad}{18}$
3. $\frac{3}{5} = \frac{\quad}{15}$
4. $\frac{4}{7} = \frac{\quad}{21}$
5. $\frac{2}{3} = \frac{\quad}{12}$
6. $\frac{5}{6} = \frac{\quad}{24}$
7. $\frac{5}{8} = \frac{\quad}{24}$
8. $\frac{3}{10} = \frac{\quad}{20}$
9. $\frac{5}{9} = \frac{\quad}{18}$
10. $\frac{7}{8} = \frac{\quad}{64}$
11. $\frac{3}{9} = \frac{\quad}{27}$
12. $\frac{3}{4} = \frac{\quad}{16}$
13. $\frac{4}{5} = \frac{\quad}{20}$
14. $\frac{3}{7} = \frac{\quad}{28}$
15. $\frac{5}{8} = \frac{\quad}{16}$
16. $\frac{1}{9} = \frac{\quad}{45}$
17. $\frac{4}{7} = \frac{\quad}{21}$
18. $\frac{5}{9} = \frac{\quad}{54}$
19. $\frac{3}{4} = \frac{\quad}{32}$
20. $\frac{4}{5} = \frac{\quad}{30}$
21. $\frac{6}{11} = \frac{\quad}{33}$
22. $\frac{5}{12} = \frac{\quad}{72}$
23. $\frac{3}{16} = \frac{\quad}{96}$
24. $\frac{5}{24} = \frac{\quad}{72}$

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