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Lesson 6.1 Finding Equivalent Fractions

$\frac{3}{4}$ To find an equivalent fraction, multiply both the numerator and denominator by the same number.

$\frac{3}{4} = \frac{3\times3}{4\times3} = \frac{9}{12}$ ← Multiply the numerator by 3. ← Multiply the denominator by 3.

$\frac{3}{4} = \frac{9}{12}$ $\frac{3}{4}$ and $\frac{9}{12}$ are equivalent fractions.

To find an equivalent fraction, multiply the numerator and the denominator by the number in the circle.

	a	b	c	d
1.	$\frac{3}{4} = \frac{\quad}{\quad}$ (3)	$\frac{1}{4} = \frac{\quad}{\quad}$ (4)	$\frac{2}{3} = \frac{\quad}{\quad}$ (5)	$\frac{1}{2} = \frac{\quad}{\quad}$ (2)
2.	$\frac{1}{3} = \frac{\quad}{\quad}$ (6)	$\frac{3}{12} = \frac{\quad}{\quad}$ (2)	$\frac{1}{5} = \frac{\quad}{\quad}$ (3)	$\frac{2}{10} = \frac{\quad}{\quad}$ (4)
3.	$\frac{5}{7} = \frac{\quad}{\quad}$ (2)	$\frac{3}{6} = \frac{\quad}{\quad}$ (4)	$\frac{2}{8} = \frac{\quad}{\quad}$ (4)	$\frac{1}{6} = \frac{\quad}{\quad}$ (6)
4.	$\frac{1}{3} = \frac{\quad}{\quad}$ (9)	$\frac{2}{3} = \frac{\quad}{\quad}$ (10)	$\frac{2}{5} = \frac{\quad}{\quad}$ (5)	$\frac{1}{8} = \frac{\quad}{\quad}$ (2)

Use multiplication to find each equivalent fraction.

5.	$\frac{1}{5} = \frac{3}{\quad}$	$\frac{1}{10} = \frac{\quad}{20}$	$\frac{3}{4} = \frac{9}{\quad}$	$\frac{1}{2} = \frac{9}{\quad}$
6.	$\frac{1}{3} = \frac{\quad}{12}$	$\frac{2}{4} = \frac{8}{\quad}$	$\frac{1}{12} = \frac{2}{\quad}$	$\frac{2}{6} = \frac{\quad}{18}$
7.	$\frac{2}{8} = \frac{10}{\quad}$	$\frac{3}{5} = \frac{\quad}{25}$	$\frac{3}{7} = \frac{9}{\quad}$	$\frac{1}{2} = \frac{\quad}{20}$
8.	$\frac{4}{12} = \frac{\quad}{24}$	$\frac{5}{6} = \frac{\quad}{24}$	$\frac{1}{3} = \frac{9}{\quad}$	$\frac{1}{2} = \frac{\quad}{18}$