

Equivalent Fractions

Look at the fraction below...

$\frac{4}{6}$ We can **simplify** this fraction to show it in its lowest terms. The new fraction would be...

$\frac{2}{3}$ This fraction is said to be **equivalent** since it is worth the same.

3 We can also make an **equivalent** fraction by multiplying both the denominator and numerator by the same number.

For Example: $\frac{4}{6} \times 3 = \frac{12}{18}$

Using this knowledge, complete the table below.

Starting Fraction	Multiply by	Calculation	Equivalent Fraction
$\frac{4}{6}$	3	$4 \times 3 = 12$ $6 \times 3 = 18$	$\frac{12}{18}$
$\frac{5}{12}$	5		
$\frac{2}{6}$	2		
$\frac{2}{3}$	9		
$\frac{1}{4}$	6		
$\frac{3}{5}$	your choice		

Equivalent Fractions 1 - ANSWERS

Starting Fraction	Multiply by	Calculation	Equivalent Fraction
$\frac{4}{6}$	3	$4 \times 3 = 12$ $6 \times 3 = 18$	$\frac{12}{18}$
$\frac{5}{12}$	5	$5 \times 5 = 25$ $12 \times 5 = 60$	$\frac{25}{60}$
$\frac{2}{6}$	2	$2 \times 2 = 4$ $6 \times 2 = 12$	$\frac{4}{12}$
$\frac{2}{3}$	9	$2 \times 9 = 18$ $3 \times 9 = 27$	$\frac{18}{27}$
$\frac{1}{4}$	6	$1 \times 6 = 6$ $4 \times 6 = 24$	$\frac{6}{24}$
$\frac{3}{5}$	your choice		