

MONDAY 17th NOVEMBER 2025

Simplify these fractions The first one is done for you.

Remember that a factor is a number that goes into another number. In the first question below, 4 is the highest number that can go into the numerator (4) and the denominator (12). The simplified fraction shows that 4 goes into 4 once and 12, three times.

Therefore, the simplified fraction is **one-third**.

Use this link to help, if needed

<https://www.bbc.co.uk/bitesize/articles/zcdgxfr#zgscjfr>

Fraction	Highest Common Factor	Simplified Fraction
$\frac{4}{12}$	4	$\frac{1}{3}$
$\frac{3}{9}$		
$\frac{6}{8}$		
$\frac{10}{15}$		
$\frac{8}{14}$		
$\frac{10}{12}$		
$\frac{6}{18}$		
$\frac{9}{18}$		
$\frac{12}{16}$		
$\frac{6}{15}$		
$\frac{8}{24}$		
$\frac{6}{21}$		
$\frac{15}{25}$		
$\frac{12}{32}$		
$\frac{9}{45}$		
$\frac{21}{28}$		

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