Reducing Fractions

Writing a Fraction in Its Simplest Form by Using the Smallest Number Possible

$\dfrac{12}{16}$

List all the possible factors of the numerator and denominator.

Find the greatest common factor (GCF): The largest factor that both the numerator and denominator share.

Divide the numerator and the denominator by the GCF.

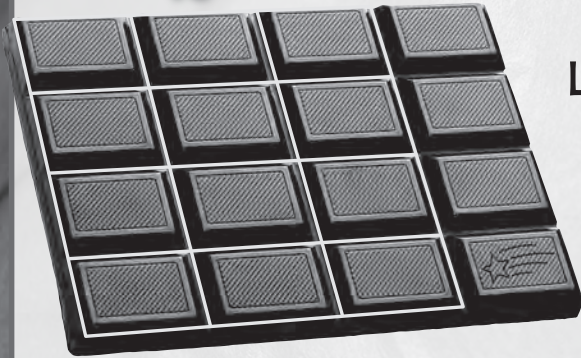| Original Fraction	All Possible Factors	Greatest Common Factor	Divide by the Greatest Common Factor
$\dfrac{12}{16}$	1, 2, 3, 4, 6, 12 ⋯⋯⋯⋯⋯⋯ 1, 2, 4, 8, 16	4	$\dfrac{12}{16} \div \dfrac{4}{4} = \dfrac{3}{4}$

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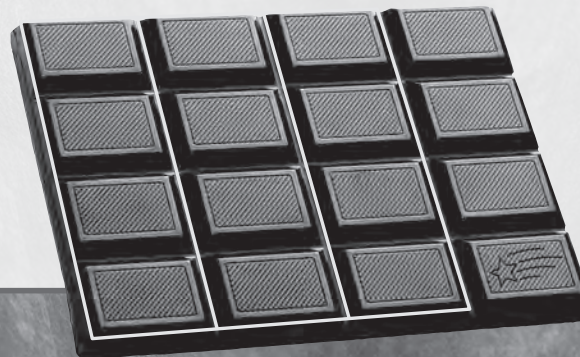| Original Fraction	All Possible Factors	Greatest Common Factor	Divide by the Greatest Common Factor
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