

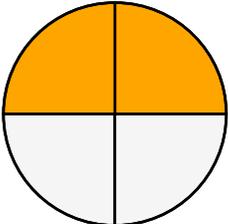
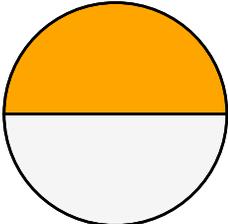
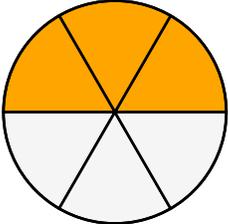
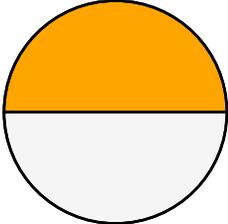
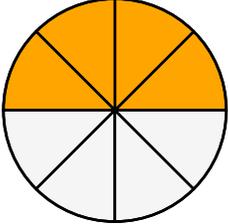
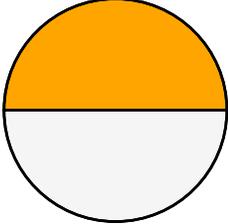
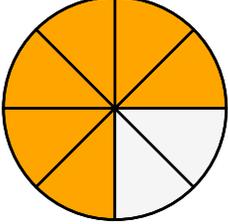
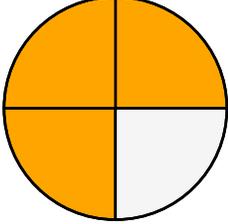
I Love Math – Lesson 05: Simplifying Fractions

Website: <https://ilovemath.live>

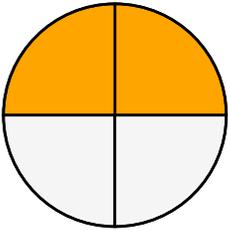
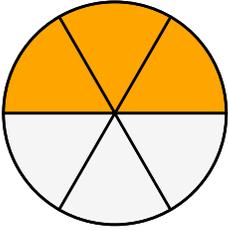
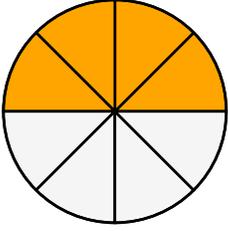
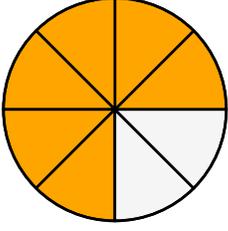
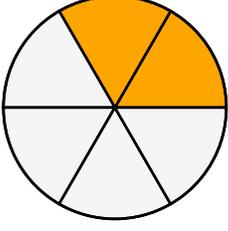
Discussion

Simplifying a fraction means writing it in the smallest form while keeping the same value. We divide the numerator and denominator by the same number. For example, $\frac{2}{4}$ can be simplified to $\frac{1}{2}$ because both 2 and 4 can be divided by 2. The shaded amount stays the same even if the numbers change.

Examples (Answers shown for learning)

		$\frac{2}{4}$ simplifies to $\frac{1}{2}$
		$\frac{3}{6}$ simplifies to $\frac{1}{2}$
		$\frac{4}{8}$ simplifies to $\frac{1}{2}$
		$\frac{6}{8}$ simplifies to $\frac{3}{4}$

Quiz – Simplify Each Fraction

	Simplified fraction: _____
	Simplified fraction: _____
	Simplified fraction: _____
	Simplified fraction: _____
	Simplified fraction: _____

Answer Key (Quiz)

1) $\frac{2}{4} = \frac{1}{2}$

2) $\frac{3}{6} = \frac{1}{2}$

3) $\frac{4}{8} = \frac{1}{2}$

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

5) $\frac{2}{6} = \frac{1}{3}$