## Lesson 17: Fractions as Partial Quotients

* Let’s use fractions to help us divide whole numbers.

### Warm-up: What Do You Know About $\frac{60}{6}+\frac{6}{6}$?

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### 17.1: Select Expressions

1. Select **all** the expressions that are equivalent to $\frac{78}{6}$. Explain or show your reasoning.
	1. $78÷6$
	2. $\frac{66}{6}+\frac{12}{6}$
	3. $\frac{60}{6}+\frac{18}{6}$
	4. $\left(60÷6\right)+\left(18÷6\right)$
	5. $\frac{77}{6}+\frac{8}{6}$
	6. $\left(60÷6\right)+18$
2. What is the value of $78÷6$? Explain or show your thinking.

### 17.2: Choose One Expression

1. Use each expression to find the value of $165÷15$. Explain or show your thinking.
	1. $\frac{75}{15}+\frac{80}{15}+\frac{10}{15}$
	2. $\frac{30}{15}+\frac{30}{15}+\frac{30}{15}+\frac{60}{15}+\frac{15}{15}$
	3. $\frac{150}{15}+\frac{15}{15}$
2. Choose one expression and use it to find the value of $540÷18$. Explain or show your thinking.
	1. $\frac{180}{18}+\frac{180}{18}+\frac{180}{18}$
	2. $\frac{500}{18}+\frac{40}{18}$
	3. $\frac{360}{18}+\frac{180}{18}$
3. Which expressions were most helpful? Which expressions were least helpful? Explain or show your thinking.



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