

## Jumpstart 2011

Rules for adding, subtracting, multiplying, and dividing fractions

$$\circ \frac{a}{b} + \frac{c}{b} = \frac{a+c}{b}$$

$$\circ \frac{a}{b} - \frac{c}{b} = \frac{a-c}{b}$$

$$\circ \frac{a}{b} + \frac{c}{d} = \frac{ad+bc}{bd}$$

$$\circ \frac{a}{b} - \frac{c}{d} = \frac{ad-bc}{bd}$$

$$\circ \frac{a}{b} \cdot \frac{c}{d} = \frac{ac}{bd}$$

$$\circ \frac{a}{b} \div \frac{c}{d} = \frac{ad}{bc}$$