

$$\frac{\frac{1}{4x} + \frac{1}{3x}}{\frac{1}{4x} - \frac{1}{3x}} = \frac{\left(\frac{1}{4x} + \frac{1}{3x}\right) \cdot 12x}{\left(\frac{1}{4x} - \frac{1}{3x}\right) \cdot 12x}$$

$$\frac{\frac{1}{4x} + \frac{1}{3x}}{\frac{1}{4x} - \frac{1}{3x}} = \frac{\left(\frac{1}{4x} + \frac{1}{3x}\right) \cdot 12x}{\left(\frac{1}{4x} - \frac{1}{3x}\right) \cdot 12x}$$

$$= \frac{3 + 4}{3 - 4}$$

$$= \frac{7}{-1}$$

$$= -7 \quad \checkmark$$