

# Résoudre Les Proportions

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Ex 1

$$x : 6 = 3 : 9$$

① Change en fractions.

$$= \frac{x}{6} = \frac{3}{9}$$

$$\frac{9x}{9} = \frac{18}{9}$$

$$x = 2$$

Ex 2 :

$$\frac{2x+1}{2} = \frac{2}{5}$$

$$5(2x+1) = 2(2)$$

$$10x+5 = 4$$

$$10x = 4-5$$

$$\frac{10x}{10} = \frac{-1}{10}$$

$$x = \frac{-1}{10}$$

Ex 3

$$\frac{2x+1}{2} = \frac{x+2}{5}$$

$$5(2x+1) =$$

$$10x+5 = 2x+4$$

$$\text{Ex 4: } \frac{9}{y} = \frac{6}{4}$$

$$9(4) = 6(y)$$

$$\frac{36}{6} = \frac{6y}{6}$$

$$6 = y$$

