

Algebra - Solving Equations with the Variable on Each Side

The video covers the following exercises. Please print this sheet and work along!

$$7x = 3x + 2$$

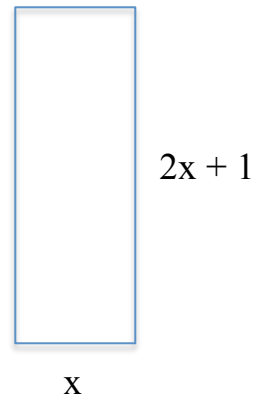
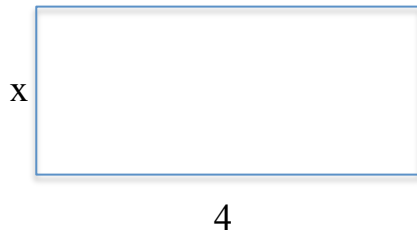
$$\frac{x}{4} + 1 = \frac{1}{2}x + 7$$

$$5x + 2 = 6 - 7x$$

$$3(2x - 1) - 9 = 6x - 12$$

$$3(2x - 1) - 9 = 6x - 10$$

What must x be, in order to make the perimeters of the two rectangles equal?



$$\frac{2}{3}x - \frac{3}{4} = \frac{-1}{2}x + \frac{5}{6}$$

The L_____ C_____ M_____ = _____