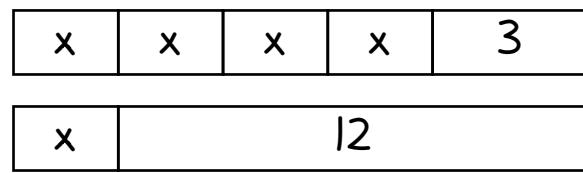


equations with
unknowns both sides

bar model

new equivalent
equation to solve

$$4x + 3 = x + 12$$



$$3x + 3 = 12$$

$$3x = \boxed{\quad}$$

$$x = \boxed{\quad}$$

$$3x + 4 = x + 8$$

$$5x + 3 = 2x + 15$$

$$6x + 9 = 10x + 1$$

$$5x + 11 = 8x + 2$$

$$4x + 14 = 6x + 2$$

$$5x + 5 = 3x + 17$$