

SOLVING EQUATIONS

$$1) 2x + 7 = 15$$

$$2x =$$

$$x =$$

$$2) 2(4x - 5) = -7x$$

$$8x - = -7x$$

$$= -15x$$

$$x =$$

$$3) \frac{2x + 1}{3} = 5$$

$$2x + 1 =$$

$$2x =$$

$$x =$$

$$4) 5 - \frac{4x}{7} = 9$$

$$- \frac{4x}{7} =$$

$$- 4x =$$

$$x =$$

$$5) \frac{3x - 5}{4} = \frac{2x - 8}{3}$$

$$3(3x - 5) = (2x - 8)$$

$$9x =$$

$$x =$$

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

$$\frac{9x -}{15} = 1$$

$$= 15$$

$$x =$$

$$7) \frac{x - 3}{2} - \frac{x}{4} = 3$$

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

$$= 12$$

$$x =$$