

1

$$4x = 40$$

$$x = \frac{40}{4}$$

$$x = 10$$

$$4x = 40$$

$$4(10) = 40$$

$$40 = 40$$

2
$$x + 5 = 10$$

$$x = 10 - 5$$

$$x = 5$$

$$x + 5 = 10$$

$$(5) + 5 = 10$$

$$= 10$$

3
$$x + 8 = 11$$

$$x = 11 - 8$$

$$x = 3$$

$$x + 8 = 11$$

$$(3) + 8 = 11$$

$$= 11$$

4
$$x - 11 = 16$$

$$x = 16 + 11$$

$$x = 27$$

$$x - 11 = 16$$

$$(27) - 11 = 16$$

$$16 = 16$$

$$5 \quad x - 9 = 21$$

$$x - 9 = 21$$

$$x = 21 + 9$$

$$(30) - 9 = 21$$

$$x = 30$$

$$6 \quad x - 3 = 32$$

$$x - 3 = 32$$

$$x = 32 + 3$$

$$(35) - 3 = 32$$

$$x = 35$$

$$= 35$$

$$7 \quad 6x = 42$$

$$6x = 42$$

$$x = \frac{42}{6}$$

$$(7) \div 6 = 13$$

$$= 13$$

$$x = 7$$

$$8 \quad 8x = 32$$

$$8x = 32$$

$$x = \frac{32}{8}$$

$$(4) \div 8 = 12$$

$$x = 4$$

$$9 \quad x + 14 = 46$$

$$x + 14 = 46$$

$$x = 46 - 14$$

$$(32) + 14 = 46$$

$$x = 32$$

$$= 46$$

$$10 \quad x + 4 = 64$$

$$x = 64 - 4$$

$$x = 60$$

$$x + 4 = 64$$

$$(60) + 4 = \cancel{64}$$