



Equations

Pronumerals Both Sides

$$1 \quad 6a = 4a + 16$$

$$2 \quad 9a = 24 + 3a$$

$$3 \quad 12y = 30 - 3y$$

$$4 \quad 6b - 3 = 5b + 6$$

$$5 \quad 8a - 9 = 5a + 6$$

$$6 \quad 7a + 4 = 3a + 40$$

$$7 \quad 6b + 3 = 48 + b$$

$$8 \quad 9y - 4 = 36 - y$$

$$9 \quad 9a - 2 = 6a + 16$$

$$10 \quad 12a + 5 = 8a + 15$$

$$11 \quad 8b - 8 = 3b - 3$$

$$12 \quad 16a - 2a = 36 - 4a$$

$$13 \quad 5m + 10 = 4m + 13$$

$$14 \quad 4 + 2y = 9 - 6y$$

$$15 \quad 9y - y + 40 = 2y + 64$$

Answers

$$1 \quad a = 8$$

$$2 \quad a = 4$$

$$3 \quad y = 2$$

$$4 \quad b = 9$$

$$5 \quad a = 5$$

$$6 \quad a = 9$$

$$7 \quad b = 9$$

$$8 \quad y = 5$$

$$9 \quad a = 6$$

$$10 \quad a = 2\frac{1}{2}$$

$$11 \quad b = 1$$

$$12 \quad a = 2$$

$$13 \quad m = 3$$

$$14 \quad y = \frac{5}{8}$$

$$15 \quad y = 4$$

