



Identify the value of y.

1)  $(2y+7) = 5y \times 7 - 158$

2)  $(3y-4) = -(2y \times 7) + 115$

3)  $9 - (5 - 7y) = 3 - 3y - 5 + 66$

4)  $(4y+4) = -4 - (4y \times 8) + 116$

5)  $3 - (6y - 3) = 2 \times 5y + 4 - 30$

6)  $4y \times 8 = 7 + (7 \times 6y) - 57$

7)  $-(3+8y) = 6 + (4 \times 9y) - 405$

**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_



Identify the value of y.

$$1) (2y+7) = 5y \times 7 - 158$$
$$17 = 17$$

$$2) (3y-4) = -(2y \times 7) + 115$$
$$17 = 17$$

$$3) 9 - (5 - 7y) = 3 - 3y - 5 + 66$$
$$46 = 46$$

$$4) (4y+4) = -4 - (4y \times 8) + 116$$
$$16 = 16$$

$$5) 3 - (6y - 3) = 2 \times 5y + 4 - 30$$
$$-6 = -6$$

$$6) 4y \times 8 = 7 + (7 \times 6y) - 57$$
$$160 = 160$$

$$7) -(3+8y) = 6 + (4 \times 9y) - 405$$
$$-75 = -75$$

Answers1. 52. 73. 64. 35. 26. 57. 9