



Identify the value of y.

1)  $6y - 9 = -9 + (6 - 8y) + 106$

2)  $(2y \times 4) = 8 + 6y - 6 + 10$

3)  $7y + 3 + 6 = -8 + (9 + 6y) + 13$

4)  $-(5 + 4y) = (3 - 8y) - 9 + 21$

5)  $6y + 2 \times 2 = -(9 + 5y) + 46$

6)  $(3 \times 7y) = 2 \times (6y + 7) + 22$

7)  $-2 - 6 - 6y = 5 + 5y - 8 - 27$

**Answers**

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

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

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

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

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

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

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



Identify the value of y.

$$1) 6y - 9 = -9 + (6 - 8y) + 106$$
$$39 = 39$$

$$2) (2y \times 4) = 8 + 6y - 6 + 10$$
$$48 = 48$$

$$3) 7y + 3 + 6 = -8 + (9 + 6y) + 13$$
$$44 = 44$$

$$4) -(5 + 4y) = (3 - 8y) - 9 + 21$$
$$-25 = -25$$

$$5) 6y + 2 \times 2 = -(9 + 5y) + 46$$
$$22 = 22$$

$$6) (3 \times 7y) = 2 \times (6y + 7) + 22$$
$$84 = 84$$

$$7) -2 - 6 - 6y = 5 + 5y - 8 - 27$$
$$-20 = -20$$

Answers1. 82. 63. 54. 55. 36. 47. 2