



Identify the value of y.

1)  $(5 \times 6y + 7) = 5 - 6y + 74$

2)  $-6y \times 7 = (7 + 6y) - 151$

3)  $(9 \times 5y) = 2 + 7 \times 2y + 246$

4)  $(7 + 3y + 2) = 5 \times (2y - 3) + 3$

5)  $6 - (3y - 6) = 7 - 3y + 4 + 1$

6)  $(3 + 2 \times 7y) = (8 \times 4y) - 123$

7)  $8y(9 \times 6) = -5 \times 3y \times 7 + 1074$

**Answers**

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

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

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

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

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

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

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



Identify the value of y.

$$1) (5 \times 6y + 7) = 5 - 6y + 74$$
$$67 = 67$$

$$2) -6y \times 7 = (7 + 6y) - 151$$
$$-126 = -126$$

$$3) (9 \times 5y) = 2 + 7 \times 2y + 246$$
$$360 = 360$$

$$4) (7 + 3y + 2) = 5 \times (2y - 3) + 3$$
$$18 = 18$$

$$5) 6 - (3y - 6) = 7 - 3y + 4 + 1$$
$$-6 = -6$$

$$6) (3 + 2 \times 7y) = (8 \times 4y) - 123$$
$$101 = 101$$

$$7) 8y(9 \times 6) = -5 \times 3y \times 7 + 1074$$
$$864 = 864$$

Answers1. 22. 33. 84. 35. 66. 77. 2