



Name: \_\_\_\_\_

Class: \_\_\_\_\_

## Algebra

Solve for the variable.

1.  $10 = 4 - 3y$  \_\_\_\_\_

2.  $8 - 6y = 20$  \_\_\_\_\_

3.  $45 - 4y = 9$  \_\_\_\_\_

4.  $y \times -1 = 0$  \_\_\_\_\_

5.  $5 = y \times 5$  \_\_\_\_\_

6.  $2 = y - 7$  \_\_\_\_\_

7.  $7 - y = 7$  \_\_\_\_\_

8.  $8 = y - 1$  \_\_\_\_\_

9.  $8y - 5 = 51$  \_\_\_\_\_

10.  $-5 = 2y + 1$  \_\_\_\_\_

11.  $3y + 9 = 21$  \_\_\_\_\_

12.  $-2 = y \div -1$  \_\_\_\_\_

13.  $3 = y - 5$  \_\_\_\_\_

14.  $y - 1 = 1$  \_\_\_\_\_

15.  $48 = y \times 8$  \_\_\_\_\_

16.  $7 + 8y = 23$  \_\_\_\_\_

17.  $3y + 7 = 16$  \_\_\_\_\_

18.  $y - 0 = 6$  \_\_\_\_\_

19.  $9 - 1y = 4$  \_\_\_\_\_

20.  $1 = y - 8$  \_\_\_\_\_

21.  $6 = 9 - -3y$  \_\_\_\_\_

22.  $-7 \div y = 7$  \_\_\_\_\_

23.  $-1 = y \div 1$  \_\_\_\_\_

24.  $-15 = 6 + 7y$  \_\_\_\_\_

25.  $-11 = -2 + -1y$  \_\_\_\_\_

26.  $-1 + 5y = -16$  \_\_\_\_\_



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19.  $9 - 1y = 4$   $y = 5$

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21.  $6 = 9 - -3y$   $y = -1$

22.  $-7 \div y = 7$   $y = -1$

23.  $-1 = y \div 1$   $y = -1$

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26.  $-1 + 5y = -16$   $y = -3$