

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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Algebra

Solve for the variable.

1. $10 = 4 - 3y$ $y = -2$

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

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

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

5. $5 = y \times 5$ $y = 1$

6. $2 = y - 7$ $y = 9$

7. $7 - y = 7$ $y = 0$

8. $8 = y - 1$ $y = 9$

9. $8y - 5 = 51$ $y = 7$

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16. $7 + 8y = 23$ $y = 2$

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

20. $1 = y - 8$ $y = 9$

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

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

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

24. $-15 = 6 + 7y$ $y = -3$

25. $-11 = -2 + -1y$ $y = 9$

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