

Simple Linear Equations (I)

Solve for each variable.

1. $3v - 7 = 2$

6. $2v - 1 = 17$

11. $3u - 2 = -5$

2. $3a - 4 = 14$

7. $2u - (-1) = 11$

12. $3z - 1 = -25$

3. $2c - 4 = -22$

8. $2z - (-7) = 25$

13. $3v - (-7) = -14$

4. $-2u - (-9) = -9$

9. $2z - 6 = -12$

14. $2y - 4 = -2$

5. $-3a - 3 = 6$

10. $2x - 8 = 12$

15. $-2u - 10 = 6$

Simple Linear Equations (I) Answers

Solve for each variable.

1. $3v - 7 = 2$
 $v = 3$

6. $2v - 1 = 17$
 $v = 9$

11. $3u - 2 = -5$
 $u = -1$

2. $3a - 4 = 14$
 $a = 6$

7. $2u - (-1) = 11$
 $u = 5$

12. $3z - 1 = -25$
 $z = -8$

3. $2c - 4 = -22$
 $c = -9$

8. $2z - (-7) = 25$
 $z = 9$

13. $3v - (-7) = -14$
 $v = -7$

4. $-2u - (-9) = -9$
 $u = 9$

9. $2z - 6 = -12$
 $z = -3$

14. $2y - 4 = -2$
 $y = 1$

5. $-3a - 3 = 6$
 $a = -3$

10. $2x - 8 = 12$
 $x = 10$

15. $-2u - 10 = 6$
 $u = -8$