

Simple Linear Equations (A)

Solve for each variable.

1. $3z + 4 = 34$

6. $3x + 2 = 5$

11. $3z + 5 = 8$

2. $2u + 10 = 22$

7. $2a + 4 = 14$

12. $2c + 4 = 22$

3. $2y + 1 = 17$

8. $2c + 6 = 18$

13. $2x + 5 = 23$

4. $3c + 8 = 14$

9. $2x + 8 = 22$

14. $2v + 3 = 23$

5. $2c + 7 = 17$

10. $2u + 4 = 10$

15. $2c + 7 = 21$

Simple Linear Equations (A) Answers

Solve for each variable.

1. $3z + 4 = 34$
 $z = 10$

6. $3x + 2 = 5$
 $x = 1$

11. $3z + 5 = 8$
 $z = 1$

2. $2u + 10 = 22$
 $u = 6$

7. $2a + 4 = 14$
 $a = 5$

12. $2c + 4 = 22$
 $c = 9$

3. $2y + 1 = 17$
 $y = 8$

8. $2c + 6 = 18$
 $c = 6$

13. $2x + 5 = 23$
 $x = 9$

4. $3c + 8 = 14$
 $c = 2$

9. $2x + 8 = 22$
 $x = 7$

14. $2v + 3 = 23$
 $v = 10$

5. $2c + 7 = 17$
 $c = 5$

10. $2u + 4 = 10$
 $u = 3$

15. $2c + 7 = 21$
 $c = 7$