Simple Linear Equations (B)

Solve for each variable.

1. $\frac{u}{-5} - 8 = -1$

2. $3 + \frac{v}{3} = -1$

3. $9 + \frac{x}{2} = 18$

4. $2 - \frac{c}{3} = 6$

5. $-10 + \frac{y}{2} = -7$

6. $\frac{c}{9} - 2 = -9$

7. $-6 + \frac{v}{9} = 0$

8. $8 - \frac{b}{-8} = 13$

9. $-8 + \frac{v}{5} = -1$

10. $-1 - \frac{c}{-6} = -5$

11. $9 + \frac{z}{8} = 14$

12. $-1 + \frac{y}{8} = 6$

13. $\frac{x}{3} + 5 = -2$

14. $\frac{u}{7} - 2 = 3$

15. $\frac{v}{-3} + 4 = -2$

Simple Linear Equations (B) Answers

Solve for each variable.

1. $\frac{u}{-5} - 8 = -1$
   $u = -35$

2. $3 + \frac{v}{3} = -1$
   $v = -12$

3. $9 + \frac{x}{2} = 18$
   $x = 18$

4. $2 - \frac{c}{3} = 6$
   $c = -12$

5. $-10 + \frac{y}{2} = -7$
   $y = 6$

6. $\frac{c}{9} - 2 = -9$
   $c = -63$

7. $-6 + \frac{v}{9} = 0$
   $v = 54$

8. $8 - \frac{b}{-8} = 13$
   $b = 40$

9. $-8 + \frac{v}{5} = -1$
   $v = 35$

10. $-1 - \frac{c}{-6} = -5$
    $c = -24$

11. $9 + \frac{z}{8} = 14$
    $z = 40$

12. $-1 + \frac{y}{8} = 6$
    $y = 56$

13. $\frac{x}{3} + 5 = -2$
    $x = -21$

14. $\frac{u}{7} - 2 = 3$
    $u = 35$

15. $\frac{v}{-3} + 4 = -2$
    $v = 18$