Simple Linear Equations (F)

Solve for each variable.

1. $\frac{a}{5} - 4 = 3$

2. $7 + \frac{x}{4} = 15$

3. $6 + \frac{z}{3} = 15$

4. $\frac{u}{4} - 1 = 7$

5. $\frac{a}{3} + 4 = 6$

6. $6 + \frac{u}{8} = 11$

7. $\frac{u}{7} + 4 = 13$

8. $\frac{u}{9} - 1 = 4$

9. $8 - \frac{b}{7} = 2$

10. $\frac{u}{4} + 8 = 11$

11. $\frac{y}{2} - 2 = 2$

12. $\frac{u}{6} - 1 = 2$

13. $8 - \frac{b}{7} = 3$

14. $\frac{z}{6} + 7 = 9$

15. $9 + \frac{y}{2} = 14$

Simple Linear Equations (F) Answers

Solve for each variable.

1. $\frac{a}{5} - 4 = 3$
   $a = 35$

2. $7 + \frac{x}{4} = 15$
   $x = 32$

3. $6 + \frac{z}{3} = 15$
   $z = 27$

4. $\frac{u}{4} - 1 = 7$
   $u = 32$

5. $\frac{a}{3} + 4 = 6$
   $a = 6$

6. $6 + \frac{u}{8} = 11$
   $u = 40$

7. $\frac{u}{7} + 4 = 13$
   $u = 63$

8. $\frac{u}{9} - 1 = 4$
   $u = 45$

9. $8 - \frac{b}{7} = 2$
   $b = 42$

10. $\frac{u}{4} + 8 = 11$
    $u = 12$

11. $\frac{y}{2} - 2 = 2$
    $y = 8$

12. $\frac{u}{6} - 1 = 2$
    $u = 18$

13. $8 - \frac{b}{7} = 3$
    $b = 35$

14. $\frac{z}{6} + 7 = 9$
    $z = 12$

15. $9 + \frac{y}{2} = 14$
    $y = 10$