

Solving Two-Step Equations Assignment

Solve the Two-Step equations given below using the properties of Equality.

1. $8x - 4 = 12$

2. $3y + 7 = -11$

3. $11a + 100 = 12$

4. $\frac{b}{4} - 1 = 16$

5. $\frac{d}{18} + 6 = 16$

6. $\frac{z}{500} - 1 = 2$

7. $\frac{k}{1345} + 11 = 10$

8. $18(x + 1) = -54$

9. $7(f - 9) = 63$

10. $100(y - 30) = -1000$

11. $\frac{t+4}{-9} = -7$

12. $\frac{h-11}{11} = -7$

13. $\frac{q+4}{4} = 1$

14. $\frac{q+100}{4} = 100$

Solving Two-Step Equations Assignment

Solve the One-Step equations given below using the properties of Equality.

1. $8x - 4 = 12$

$x = 2$

2. $3y + 7 = -11$

$y = -6$

3. $11a + 100 = 12$

$a = -8$

4. $\frac{b}{4} - 1 = 16$

$b = 68$

5. $\frac{d}{18} + 6 = 16$

$d = 180$

6. $\frac{z}{500} - 1 = 2$

$z = 1500$

7. $\frac{k}{1345} + 11 = 10$

$k = -1345$

8. $18(x + 1) = -54$

$x = -4$

9. $7(f - 9) = 63$

$f = 18$

10. $100(y - 30) = -1000$

$y = 20$

11. $\frac{t+4}{-9} = -7$

$t = 59$

12. $\frac{h-11}{11} = -7$

$h = -66$

13. $\frac{q+4}{4} = 1$

$q = 0$

14. $\frac{q+100}{4} = 100$

$q = 300$