

Evaluate each expression or function. SHOW YOUR WORK!

1. $x + 5$ when $x = -2$

2. $2p - 8$ when $p = 4$

3. $f(x) = 7x - 8$ when $x = 3$

4. $f(x) = x^2$ when $x = 5$

Solve each equation. SHOW YOUR WORK!

1. $r - 13 = 7$

2. $\frac{x}{3} + 4 = 6$

3. $4m - 13 = 51$

4. $2y + 6 = -4y + 18$

5. $-4m + 8 = 12$

6. $2(2c - 4) = -2(c + 10)$

Substitute and solve for x. SHOW YOUR WORK!

7. $f(x) = 2x + 12$ when $f(x) = 60$

8. $f(x) = -5x$ when $f(x) = 120$

9. $f(x) = 3x + 25$ when $f(x) = 178$

10. $f(x) = x - 200$ when $f(x) = 175$

11. $f(x) = -4x + 52$ when $f(x) = 486$

12. $f(x) = 4x - 16$ when $f(x) = 2x + 12$