

Solve the equation.

1) $2x + 2 = 10$

2) $3b - 12 = 15$

3) $86 = 3x + 29$

4) $\frac{n}{4} - 5 = 8$

5) $\frac{n}{3} + 2 = 18$

6) $3n + 5 = 23$

7) $-86 + 4y = 102$

8) $5 + \frac{b}{4} = -31$

9) $12 - 11x = 45$

10) $0 = 117 + 13t$

11) $\frac{-3}{4}x + \frac{1}{4} = 1\frac{3}{4}$

12) $\frac{y}{8} - \frac{3}{4} = \frac{1}{2}$

Write an equation for the given situation. Solve.

13) A student bought some pencils for \$.25 each and a pen for \$1.10. The total cost was \$3.60. How many pencils did the student buy?

Answer Key

- 1) 4
- 2) 9
- 3) 19
- 4) 52
- 5) 48
- 6) 6
- 7) 47
- 8) -144
- 9) -3
- 10) -9
- 11) -2
- 12) 10
- 13) $.25x + 1.10 = 3.60$; 10