

Solve the equation.

1) $3x + 2 = 10$

2) $4x - 17 = 23$

3) $8x - 3x = 20$

4) $\frac{m}{4} - 3 = 8$

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

6) $3x + 5 = 23$

7) $-8x + 4 = 102$

8) $3 + \frac{1}{2}x = -11$

9) $17 - 11x = 43$

10) $5x - 1.77 = 13x$

11) $\frac{-1}{2}x + \frac{1}{4} = 1\frac{3}{4}$

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

Write an equation for the given situation. Solve.

13) A student bought some pencils for \$2.25 each and a pen for \$1.50. The total cost was \$11.00. How many pencils did the student buy?