Multi-Step Equations

Solve each equation.

1) $4x - 7 = 13 \Rightarrow x =$ ____

2) $26 = -(x - 4) \Rightarrow x =$ ____

3) $-(5 - x) = 19 \Rightarrow x =$ ____

4) $35 = -x + 14 \Rightarrow x =$ ____

5) $2(3 - 2x) = 10 \Rightarrow x =$ ____

6) $3x - 3 = 15 \Rightarrow x =$ ____

7) $32 = -x + 15 \Rightarrow x =$ ____

8) $-(10 - x) = -13 \Rightarrow x =$ ____

9) $-4(7 + x) = 4 \Rightarrow x =$ ____

10) $22 = 2x - 8 \Rightarrow x =$ ____

11) $-6(3 + x) = 6 \Rightarrow x =$ ____

12) $-3 = 3x - 15 \Rightarrow x =$ ____

13) $-7(12 + x) = 7 \Rightarrow x =$ ____

14) $8(6 - 4x) = 16 \Rightarrow x =$ ____

15) $18 - 4x = -9 - x \Rightarrow x =$ ____

16) $6(4 - x) = 30 \Rightarrow x =$ ____

17) $15 - 3x = -5 - x \Rightarrow x =$ ____

18) $9(-7 - 3x) = 18 \Rightarrow x =$ ____

19) $16 - 2x = -4 - 7x \Rightarrow x =$ ____

20) $14 - 2x = 14 + x \Rightarrow x =$ ____

21) $21 - 3x = -7 - 10x \Rightarrow x =$ ____

22) $8 - 2x = 11 + x \Rightarrow x =$ ____

23) $10 + 12x = -8 + 6x =$ ____

24) $25 + 20x = -5 + 5x =$ ____

25) $16 - x = -8 - 7x \Rightarrow x =$ ____

26) $17 - 3x = 13 + x \Rightarrow x =$ ____

27) $22 + 5x = -8 - x \Rightarrow x =$ ____

28) $-9(7 + x) = 9 \Rightarrow x =$ ____

29) $12 + 2x = -4 - 2x \Rightarrow x =$ ____

30) $12 - x = 2 - 3x \Rightarrow x =$ ____

31) $19 - x = -1 - 11x \Rightarrow x =$ ____

32) $14 - 3x = -5 - 4x \Rightarrow x =$ ____