1) Is -6   a solution of 2x + 7 = -5?   2) Is 7 a solution of -3x + 5 = -16?

Solve the following equations

3) x + 3 = 7   4) x – 8 = -7   5) 3x = 30

6) -2x = 16   7) $\dfrac{x}{2} = -20$ 8) 2x + 3 = 7

9) 4x + 5 = 7   10) $\dfrac{x}{4} - 3 = -7$ 11) 14x =-84

12) $-12+3=-8+4+\dfrac{x}{-3}$ 13) -8 + 2 = y – 11(-4)   14) 0 = 8 – 2x

15) -6x – 14 = 4   16) 2x – 7 = - 11   17) -6x + 20 = -64

18) 14x + 16 = 44

19) Three more than eight times an unknown number is -29. find the unknown number.

20) The perimeter of a triangle is 28 inches. Two sides have lengths, 9 inches and 7 inches. Find the length of the missing side.