

Determine the equation for each chart below

Ws

x	y
-2	-22
-1	-12
0	-2
1	8
2	18

x	y
-2	-10
-1	-9
0	-8
1	-7
2	-6

x	y
-2	18
-1	13
0	8
1	3
2	-2

x	y
-2	-14
-1	-7
0	0
1	7
2	14

Make a chart for the following equations using $x = -2$ to $x = +2$

a) $y = 2x + 15$

b) $y = -x - 7$

c) $y = -3x + 4$

Solve each equation.

Ws

Worksheet

1) $-4 = \frac{b}{10}$

2) $x + 2 = 16$

3) $-17 = -3 + n$

4) $\frac{a}{4} = 12$

5) $p - 2 = -8$

6) $x + 5 = 24$

7) $-11 = \frac{a}{17}$

8) $24 = 16 + p$

9) $x - 20 = -22$

10) $12 = -3 + n$

11) $-4 + 2n = -14$

12) $-21 = k - 7$

WS

13) $210 = -15n + 30$

14) $-26 = -2r + 4$

15) $64 = -16x - 2$

16) $10 = \frac{m}{5} + 3$

17) $-5(2n + 1) = 15$

18) $3(x - 8) = 21$

19) $-2(8 - 6x) = 44$

20) $4(3n - 1) = -88$