Steps for solving equations:
1   Expand brackets.
2   Collect x terms on one side of equation.
3   Collect numbers on the other side.
4   Divide by the number in front of x.
     Remember to change signs when you move something over the = sign.

Exercise 1
Solve the following equations, you just have to divide both sides by the number in front of x.

1	3x = 12	**2**	4x = 28
3	2x = -7	**4**	5x = 15
5	3x = 13	**6**	6x = 19
7	4x = 11	**8**	7x = 38
9	2x = 1	**10**	5x = -6

Exercise 2

1	3x + 6 = 18	**2**	4x + 5 = 26
3	2x - 3 = 7	**4**	6x - 12 = 20
5	3 + 4x = 27	**6**	7x +15 = 8
7	3x - 6 = - 17	**8**	5x - 1 = 3
9	8x + 6 = 6	**10**	12x + 1 = 40

Exercise 3
More care is needed in this exercise as there are x terms and numbers on both sides.

1	5x + 7 = 19 + 3x	**2**	8x + 5 = 2x + 29
3	7 + 3x = 17 + x	**4**	6x - 12 = 2x + 20
5	4x - 18 = x + 5	**6**	7x - 15 = 4x - 8
7	3x - 6 = 17 - 2x	**8**	5x - 1 = 3x
9	8x - 6 + 2x = 13 + 5x	**10**	7x - 9 = 3x - 45

Exercise 4
Remember you must expand brackets first.

1	5(x + 2) = 3x + 19	**2**	3(x + 7) = x + 25
3	4(x - 3) = 15 + x	**4**	6(x - 1) = 2x + 20
5	7(x - 3) = 2(x + 5)	**6**	5(x - 4) = 2(x - 8)
7	6x - 6 = 2(x + 12)	**8**	9(x - 2) = 3(x - 1)
9	8(x - 3) + 2x = 9 + 3x	**10**	4(x + 5) - 12 = 2(x + 3) + 16