

## Solving Equations

1. Solve these equations:

(a)  $x + 5 = 3$

(b)  $y - 4 = 1$

(c)  $z + 3 = -2$

2. Solve these equations

(a)  $3x + 5 = 29$

(b)  $4a - 9 = 7$

(c)  $3x + 5 = 29$

(d)  $4a - 9 = 7$

3. Solve these equations

(a)  $5x = 20$

(b)  $z + 8 = 15$

(c)  $y - 9 = 1$

(d)  $2x - 12 = -3$

(e)  $5z + 9 = 4$

(f)  $6y - 9 = 9$

4. Solve these equations by first multiplying out the brackets

(a)  $5(x + 2) = 25$

(b)  $10(d - 8) = 20$

(c)  $3(2x - 4) = 6$

(d)  $4(5x + 2) = 108$

(e)  $5(x + 2) = 25$

(f)  $10(d - 8) = 20$

5. Solve these equations

(a)  $4 + 3(x - 3) = 13$

(b)  $3 - 2(4 - x) = 11$

6. Solve these equations

(a)  $4(x - 3) = 2(x + 1)$

(b)  $7(x + 1) = 2(x + 11)$