

## Equations - Assignment

*I can apply my knowledge of number facts to solve problems where an unknown value is represented by a symbol or letter.*

Choose the chilli that is the right level for you and send us in your work for some feedback. We look forward to seeing how you are getting on!

Remember to use the lesson videos from Monday and Wednesday to help you if you are stuck! They are on the blog and in the folders on Teams. If you are working on 3 and 4 chilli questions, sometimes using a calculator to check calculations will be a good idea.



1)  $a + 4 = 101$

2)  $x + 5 = 81$

3)  $y - 3 = 58$

4)  $5x = 15$

5)  $3x = 12$

6)  $6x = 18$

7)  $4x = 20$

8)  $5x = 25$



1)  $2a - 3 = 3$

2)  $6t + 4 = 10$

3)  $4x + 3 = 9$

4)  $4x - 6 = 22$

5)  $2k - 7 = 11$

6)  $3k + 15 = 33$

7)  $9b - 15 = 12$

8)  $4m + 6 - 2 = 40$



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

2)  $6t + 4 = 38 - 28$

3)  $4x + 3 = 100 - 91$

4)  $4x - 6 = 11 \times 2$

5)  $2k - 7 = 22.5 - 11.5$

6)  $3k + 15 = 16.5 + 16.5$

7)  $9b - 15 = 144 - 132$

8)  $4m + 6 - 2 = (-22) + 62$



1)  $30y - 30 = 54 \div 9$

2)  $V - 3V = 16$

3)  $14x - 8 = (-12) + 25$

4)  $3r + 7 = 2r + 9$

5)  $12s - 2 = 5s + 19$

6)  $t - 34 + 7t = 3t + 66$

7)  $7u - 33 + 4u = 0$

8)  $8w - 8 + 4w = 7w + 97$