



# Linear Equations (2 step and Brackets)

←  
REVISE THIS  
TOPIC

1 Solve  $3x - 5 = 16$

$$3x = 21$$

$$x = \underline{\hspace{2cm}7\hspace{2cm}}$$

(Total for Question 1 is 2 marks)

2 Solve  $4y + 6 = 26$

$$4y = 20$$

$$y = \underline{\hspace{2cm}5\hspace{2cm}}$$

(Total for Question 2 is 2 marks)

3 Solve  $3w - 1 = 14$

$$3w = 15$$

$$w = \underline{\hspace{2cm}5\hspace{2cm}}$$

(Total for Question 3 is 2 marks)

4 Solve  $2a - 8 = 12$

$$2a = 20$$

$$a = \underline{\hspace{2cm}10\hspace{2cm}}$$

(Total for Question 4 is 2 marks)

5 Solve  $10b - 13 = 7$

$$10b = 20$$

$$b = \underline{\hspace{2cm}2\hspace{2cm}}$$

(Total for Question 5 is 2 marks)



6 Solve  $7p - 3 = 25$

$$7p = 28$$

$$p = \dots\dots\dots 4$$

(Total for Question 6 is 2 marks)

7 Solve  $3q + 1 = 25$

$$3q = 24$$

$$q = \dots\dots\dots 8$$

(Total for Question 7 is 2 marks)

8 Solve  $12r - 5 = 31$

$$12r = 36$$

$$r = \dots\dots\dots 3$$

(Total for Question 8 is 2 marks)

9 Solve  $9c - 1 = 62$

$$9c = 63$$

$$c = \dots\dots\dots 7$$

(Total for Question 9 is 2 marks)

10 Solve  $5d - 10 = 5$

$$5d = 15$$

$$d = \dots\dots\dots 3$$

(Total for Question 10 is 2 marks)



11 Solve  $3x + 15 = 6$

$$3x = -9$$

$$x = \dots -3$$

(Total for Question 11 is 2 marks)

12 Solve  $2y + 20 = 12$

$$2y = -8$$

$$y = \dots -4$$

(Total for Question 12 is 2 marks)

13 Solve  $5w + 5 = -30$

$$5w = -35$$

$$w = \dots -7$$

(Total for Question 13 is 2 marks)

14 Solve  $20 = 2m - 8$

$$28 = 2m$$

$$m = \dots 14$$

(Total for Question 14 is 2 marks)

15 Solve  $6n + 4 = 7$

$$6n = 3$$

$$n = \dots \frac{1}{2}$$

(Total for Question 15 is 2 marks)



16 Solve  $5(a + 3) = 20$

$$a + 3 = 4$$

$$a = \dots\dots\dots 1$$

(Total for Question 16 is 2 marks)

17 Solve  $6(d - 2) = 18$

$$d - 2 = 3$$

$$d = \dots\dots\dots 5$$

(Total for Question 17 is 2 marks)

18 Solve  $11(g + 7) = 66$

$$g + 7 = 6$$

$$g = \dots\dots\dots -1$$

(Total for Question 18 is 2 marks)

19 Solve  $21 = 3(h - 1)$

$$7 = h - 1$$

$$h = \dots\dots\dots 8$$

(Total for Question 19 is 2 marks)

20 Solve  $5(p + 2) + 2p = 38$

$$\begin{aligned} 5p + 10 + 2p &= 38 \\ 7p + 10 &= 38 \\ 7p &= 28 \end{aligned}$$

$$p = \dots\dots\dots 4$$

(Total for Question 20 is 3 marks)

