



Equations with Unknowns on Both Sides



SCAN ME

REVISE THIS TOPIC

CHECK YOUR ANSWERS

SCAN ME

1 Solve $6x + 10 = 2x + 18$ [3 marks]

$x =$ _____

2 Solve $5y + 5 = 2y + 20$ [3 marks]

$y =$ _____

3 Solve $7w - 1 = 4w + 20$ [3 marks]

$w =$ _____





4 Solve $9a - 4 = 5a + 32$ [3 marks]

$$a = \underline{\hspace{10em}}$$

5 Solve $4b - 3 = 3b + 27$ [3 marks]

$$b = \underline{\hspace{10em}}$$

6 Solve $10c + 1 = 3c + 8$ [3 marks]

$$c = \underline{\hspace{10em}}$$

7 Solve $5d + 15 = 2d + 9$ [3 marks]

$$d = \underline{\hspace{10em}}$$





8 Solve $5g + 17 = 3g + 7$ [3 marks]

$$g = \underline{\hspace{10em}}$$

9 Solve $6h - 18 = 3h - 3$ [3 marks]

$$h = \underline{\hspace{10em}}$$

10 Solve $7p - 34 = 2p - 4$ [3 marks]

$$p = \underline{\hspace{10em}}$$

11 Solve $5k + 20 = 8k - 7$ [3 marks]

$$k = \underline{\hspace{10em}}$$

$\frac{\quad}{24}$

Turn over ►





12

Solve $3r + 30 = 7r + 6$

[3 marks]

$r =$ _____

13

Solve $2m - 30 = 9m - 2$

[3 marks]

$m =$ _____

14

Solve $3n + 4 = 24 - 2n$

[3 marks]

$n =$ _____

15

Solve $4t - 8 = 40 - 4t$

[3 marks]

$t =$ _____





16

Solve $x + 7 = 5x - 3$

[3 marks]

$x =$ _____

17

Solve $4(y + 3) = 2(y + 10)$

[3 marks]

$y =$ _____

18

Solve $5(a - 5) = 2(a + 1)$

[3 marks]

$a =$ _____

19

Solve $2(b + 5) = 7(b + 10)$

[3 marks]

$b =$ _____

$\frac{\quad}{24}$

