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]**

$w =$ _____

$\frac{}{9}$

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

$a =$ _____

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

$b =$ _____

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

$c =$ _____

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

$d =$ _____

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

$g =$ _____

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

$h =$ _____

10   Solve $5p - 34 = 2p - 4$ **[3 marks]**

$p =$ _____

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

$k =$ _____

24

Turn over ▶

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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 = $ _____

24