

Easy Linear Equations

21 marks

1. (a) Solve the equation $5x = 30$.

$x = \dots\dots\dots$ (1)

- (b) Solve the equation $y + 3 = 10$.

$y = \dots\dots\dots$ (1)
(Total 2 marks)

2. (a) Solve $3x = 18$

$x = \dots\dots\dots$ (Total 1 mark)

3. (a) Solve $x + 2x = 12$

$x = \dots\dots\dots$ (1)

- (b) Solve $2y - 1 = 13$

$y = \dots\dots\dots$ (2)
(Total 3 marks)

4. Imran thinks of a number.

He multiplies the number by 3.

He then adds 19.

His answer is 61.

What number did Imran first think of?

.....
(Total 2 marks)

5. Mrs Adams bought cinema tickets for 4 adults and their children.

An adult ticket costs £5

A child ticket costs £4

Mrs Adams paid a total of £48

Work out the number of child tickets bought by Mrs Adams.

.....
(Total 3 marks)

6. Solve $4x - 1 = 7$

$x =$
(Total 2 marks)

7. (a) Solve $5x = 30$

$x = \dots\dots\dots$ (1)

(b) Solve $2y - 4 = 11$

$y = \dots\dots\dots$ (2)
(Total 3 marks)

8. (a) Solve $6x = 18$

$x = \dots\dots\dots$ (1)

(b) Solve $2y + 3 = 8$

$y = \dots\dots\dots$ (2)
(Total 3 marks)

9. Solve
 $4x + 3 = 19$

$x = \dots\dots\dots$ (Total 2 marks)