

GCSE MATHEMATICS

PLC PROJECT

INSTRUCTIONS:

Simple linear equations 1

Content

- Solve linear equations with unknowns on each side such as $3x - 4 = 5 + x$
- Solve linear equations with brackets such as $2(5x + 1) = 28$
- Solve more complex linear equations such as $3x - 12 = 2(x - 5)$
- Find a solution to a problem by forming an equation and solving it

Question 1

Solve $4y + 2 = 9$

$y = \dots\dots\dots$
(2)

Question 2

Solve $4w + 3 = 2(w + 5)$

$w = \dots\dots\dots$
(3)

Question 3

Solve $5 - 3x = 2(x + 1)$

$x = \dots\dots\dots$
(3)

Question 4

James bought 6 cinema tickets.
He paid £38.10
Each ticket was the same price.
Work out the price of each cinema ticket.

£ $\dots\dots\dots$
(Total 2 marks)

Total Mark / 10