1   The graph shows how much Molly is paid for working for up to 40 hours.
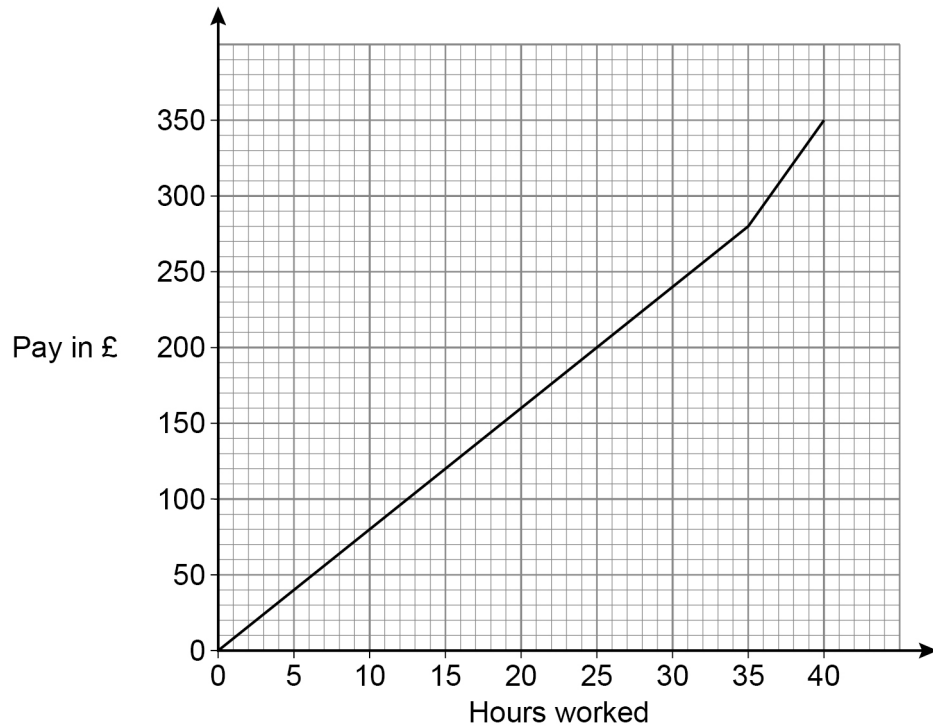
She receives

a basic rate of pay for the first 35 hours worked

a higher rate of pay for the next 5 hours worked.

Work out the difference between the higher rate of pay and the basic rate of pay.

Give your answer in £ per hour.

[3 marks]

_____
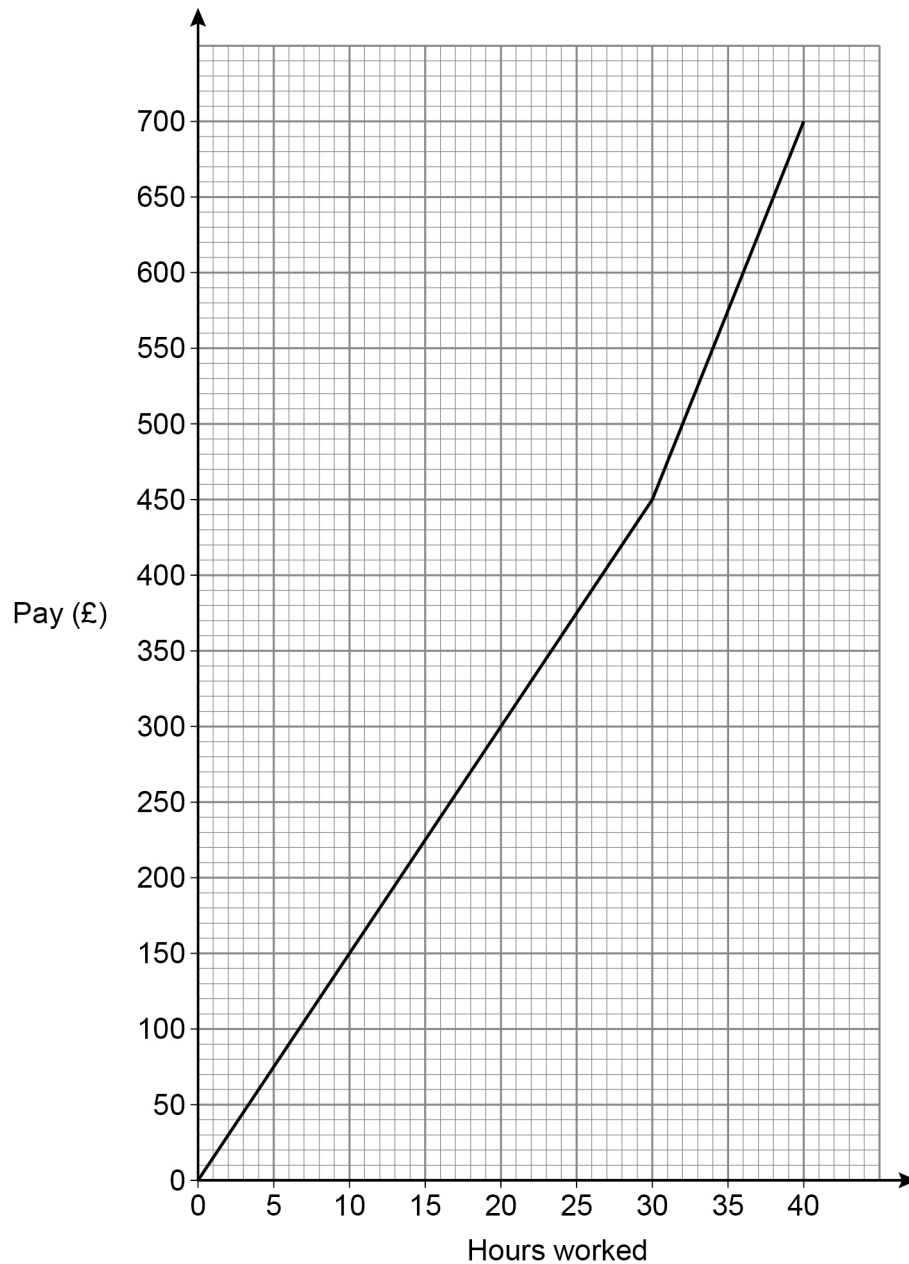
_____

_____

_____

Answer £_____ per hour

2   In a week, Samir is paid

a basic hourly rate for the first 30 hours worked

an overtime hourly rate for any extra hours worked.

The graph shows his pay for working up to 40 hours in a week.

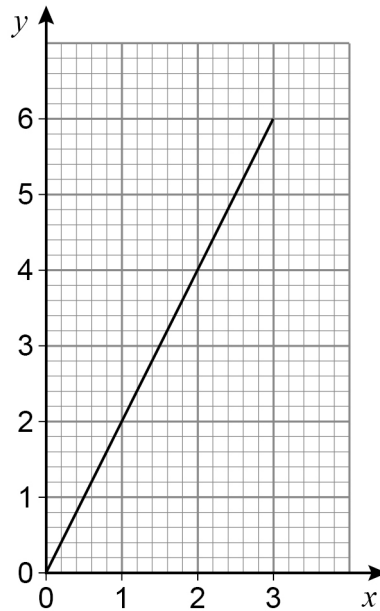Work out the ratio   basic hourly rate : overtime hourly rate

Give your answer in its simplest form.

[3 marks]

_____

_____

_____

_____

_____

Answer _____ : _____

3   Craig wants to draw a graph, for values of x from -3 to 3,

where the x-coordinate and y-coordinate are always in the ratio   2 : 1

Here is his graph.

Make two criticisms of Craig's graph.

[2 marks]

Criticism 1 _____

_____

_____

Criticism 2 _____

_____

_____

4   Draw the graph of $y = 1 - \dfrac{1}{2}x$ for values of x from −2 to 4

[3 marks]