1　　　Solve the simultaneous equations

$7x + 2y = 36$

$3x + 2y = 16$

[3 marks]

_____

_____

_____

_____

_____

_____

_____

$x =$ _____　　　$y =$ _____

2 (a)   f(x) = $cx + d$

f(4) = 7

f(10) = 22

Work out the values of c and d.

[3 marks]

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

$c =$ _____ $d =$ _____

3 $\dfrac{a}{b} = 3c$

$\dfrac{b}{c} = 2$

Work out the value of a when $c = 8$

[3 marks]

Answer _____

4   Here are two simultaneous equations.

$y = x^2 + 7x - c$

and

$y = 3x + d$

There is a solution when $x = 5$

Work out the value of $c + d$

[3 marks]

Answer _____

5   Solve the simultaneous equations

$$2x - 5y = 13$$
$$3x + 4y = 8$$

[4 marks]

$x =$ _____ $y =$ _____