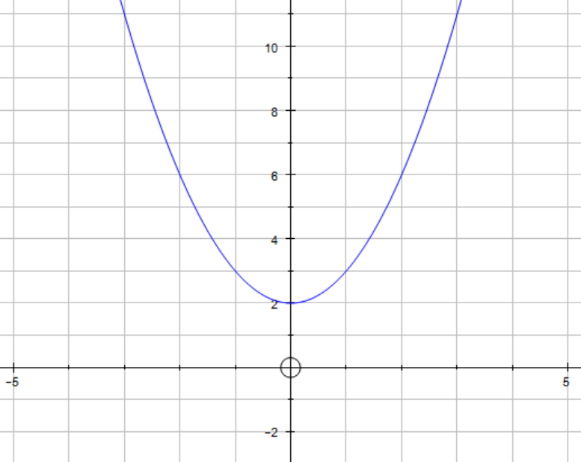
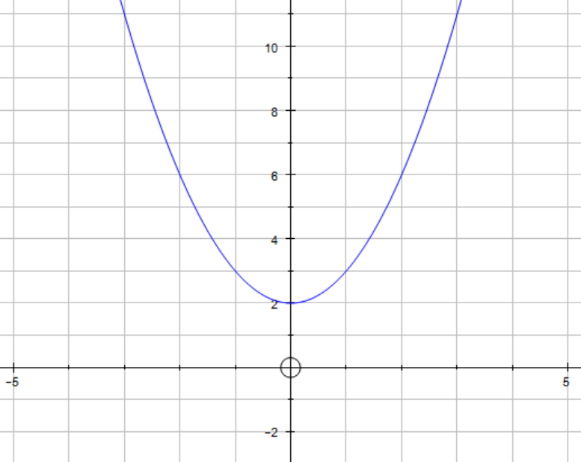
Examples

This is the graph of y = f(x)

Find f(2) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Find f(0) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

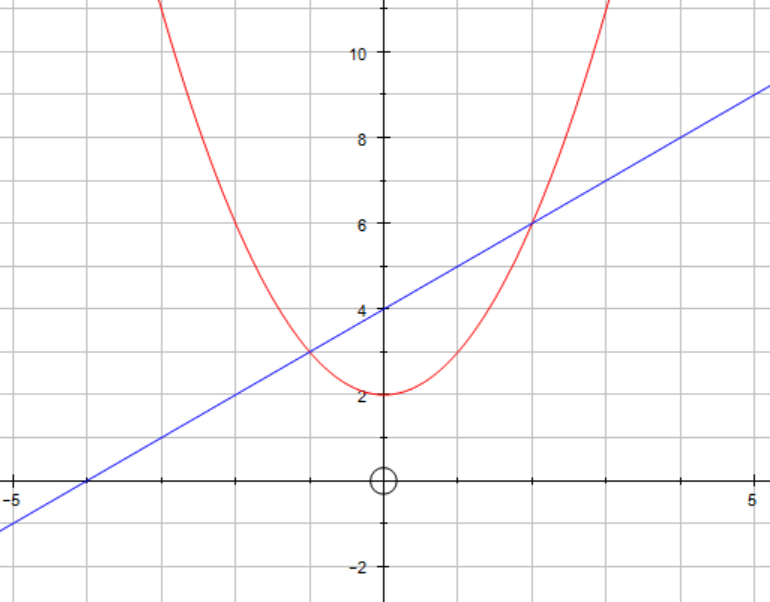
Find f(-1) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Find f(x) = 3 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Find f(x) = 11 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Find f(x) = 2 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

State the range of f(x) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

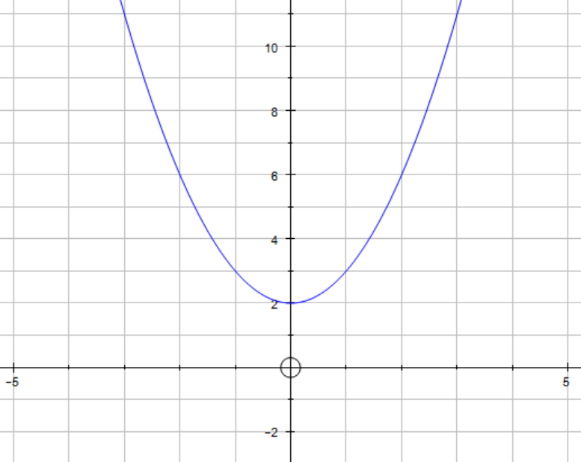


f(x)

g(x)

Solve f(x) = h(x)

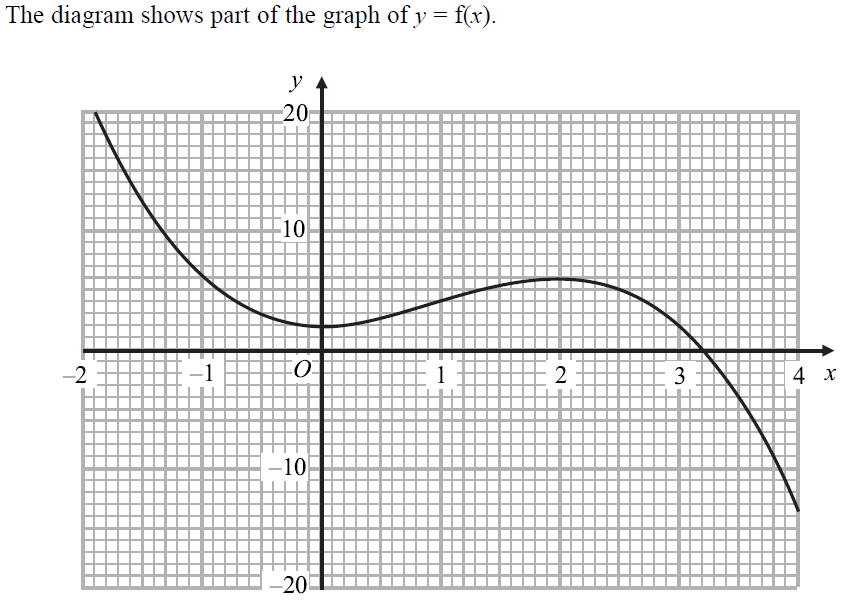
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

f(x) = h(x) has two solutions at x = -3 and x = 2

h(x) can be written in the form h(x) = m x + c

Find the values of m and c

1



1. Find f(-1)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Find f(1)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Find f(2)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Find f(3)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Find ff(0)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Solve f(x) = 0

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Solve f(x) = 10

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. The equation f(x) = a has exactly 2 solutions

Find the possible values for a

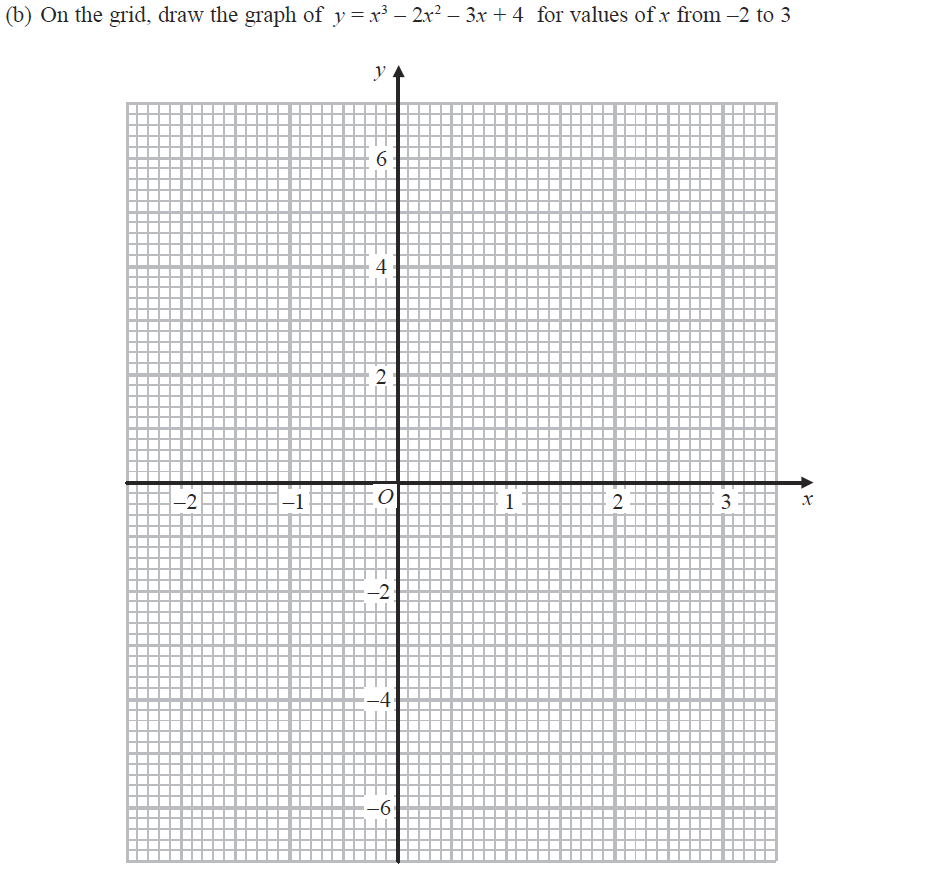
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. The equation f(x) = b has 3 solutions

Find the range of values for b

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2 The diagram shows part of y = f(x)



1. Find f(1)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Find f(0)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Find ff(2)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Solve f(x) = 0

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Solve f(x) = 2 - x

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. State the range of f(x)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

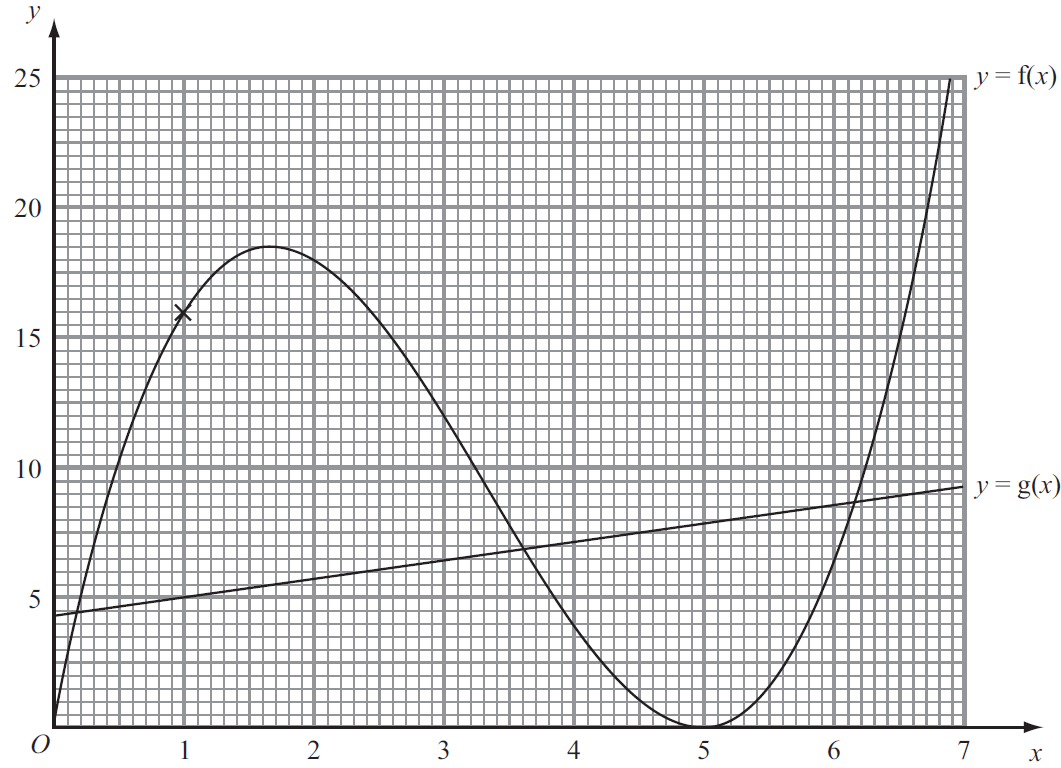
1. The equation f(x) = b has exactly 1 solution

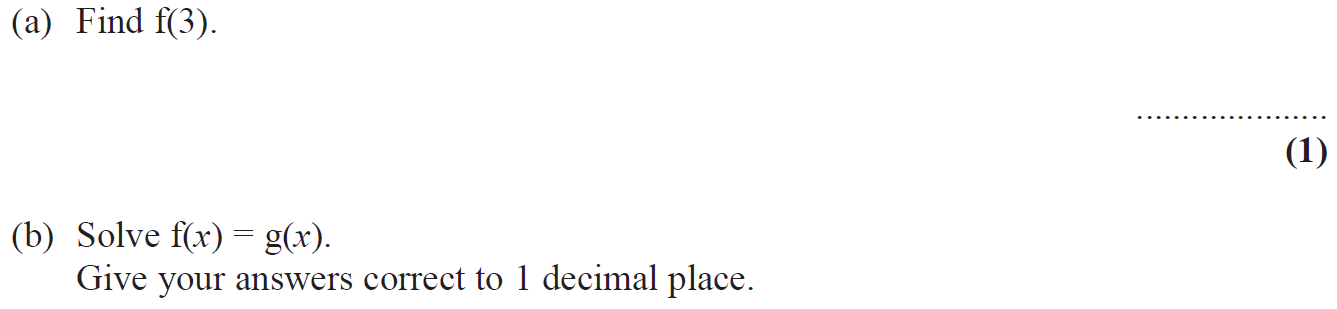
Find the value of b

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

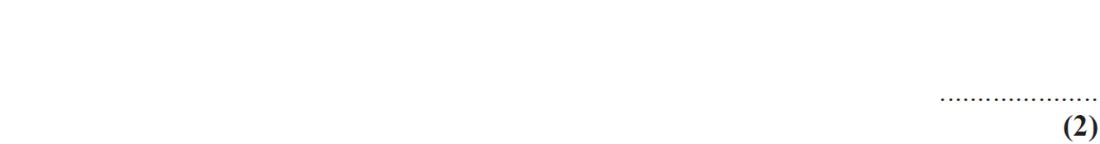
3







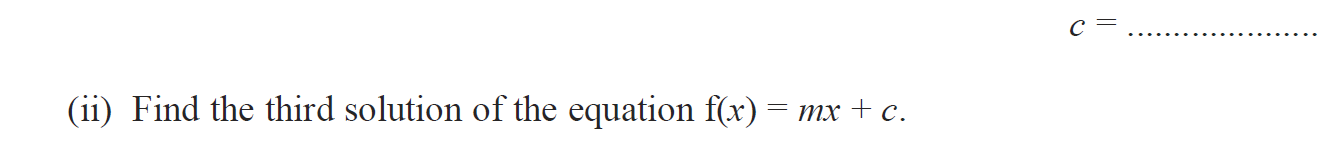
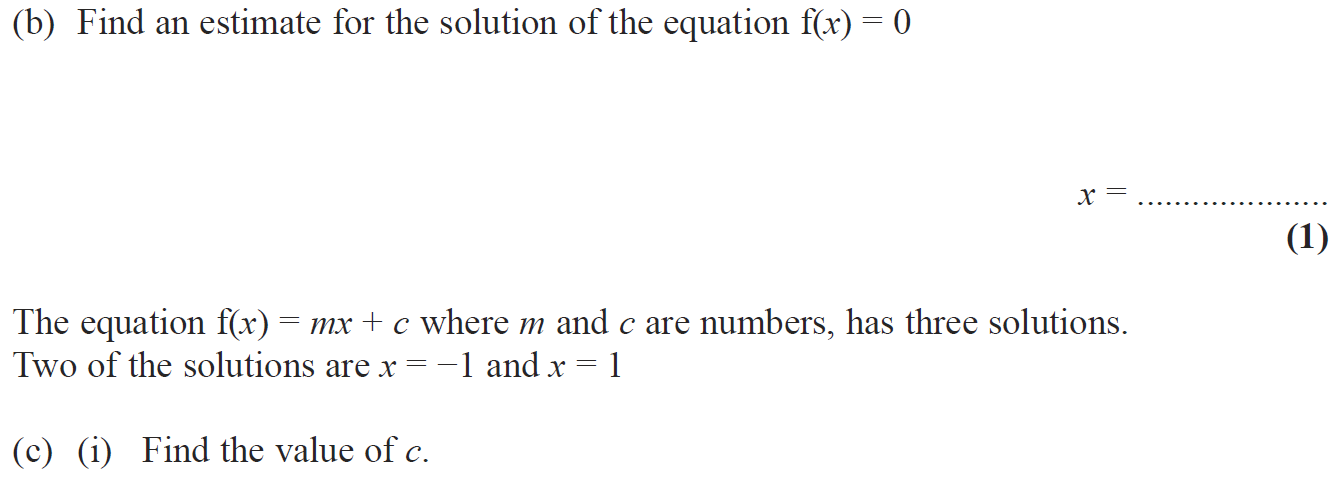
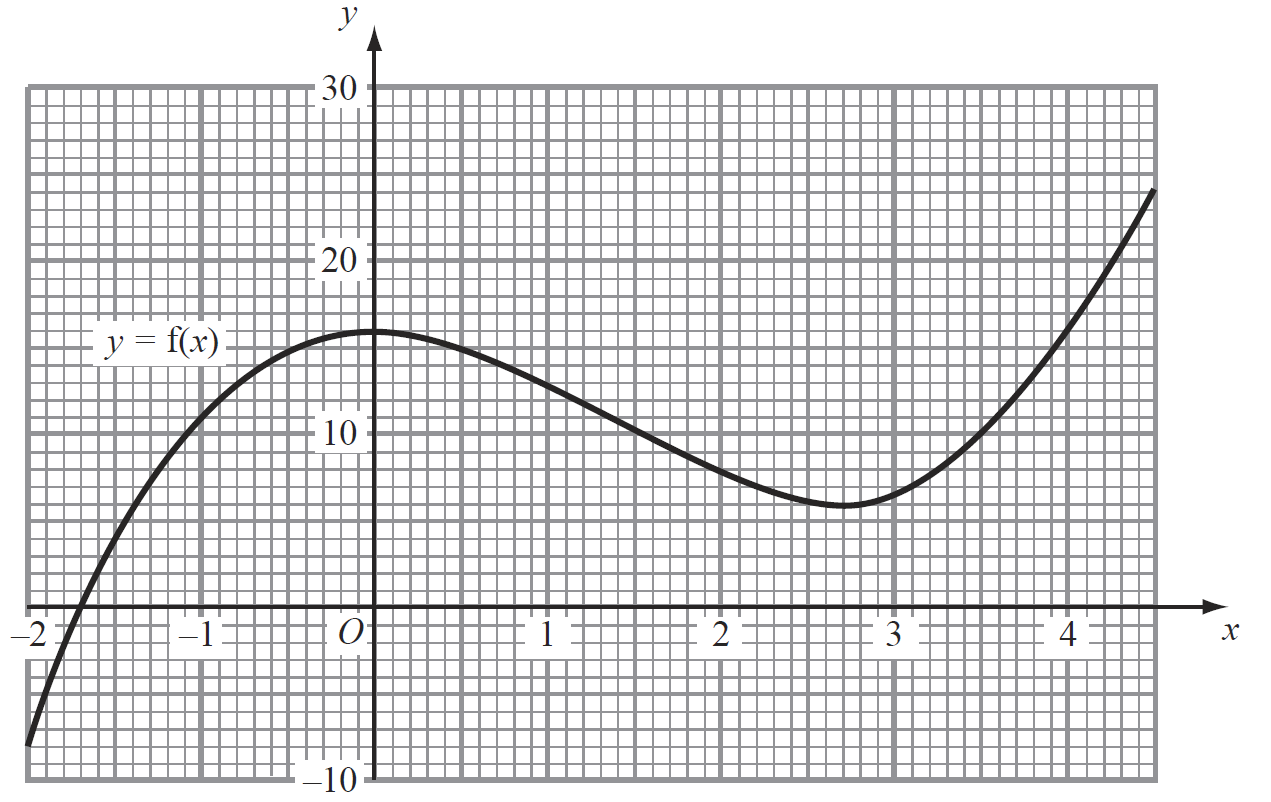
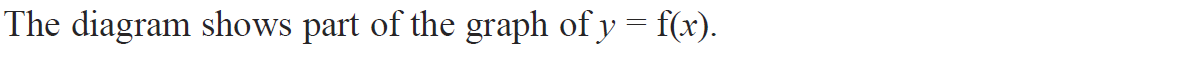




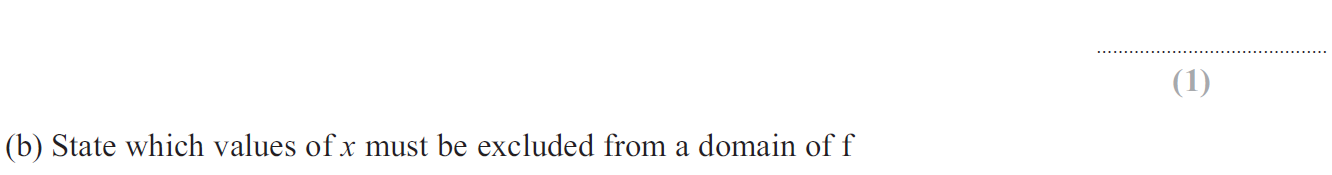


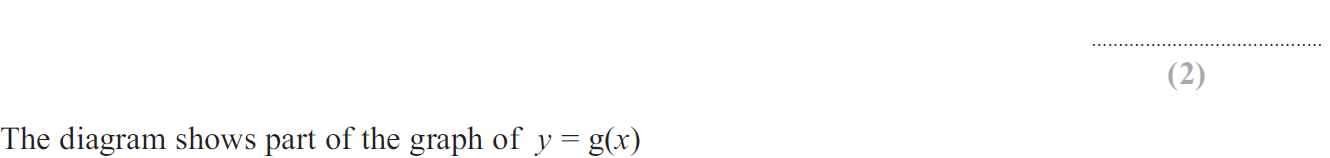


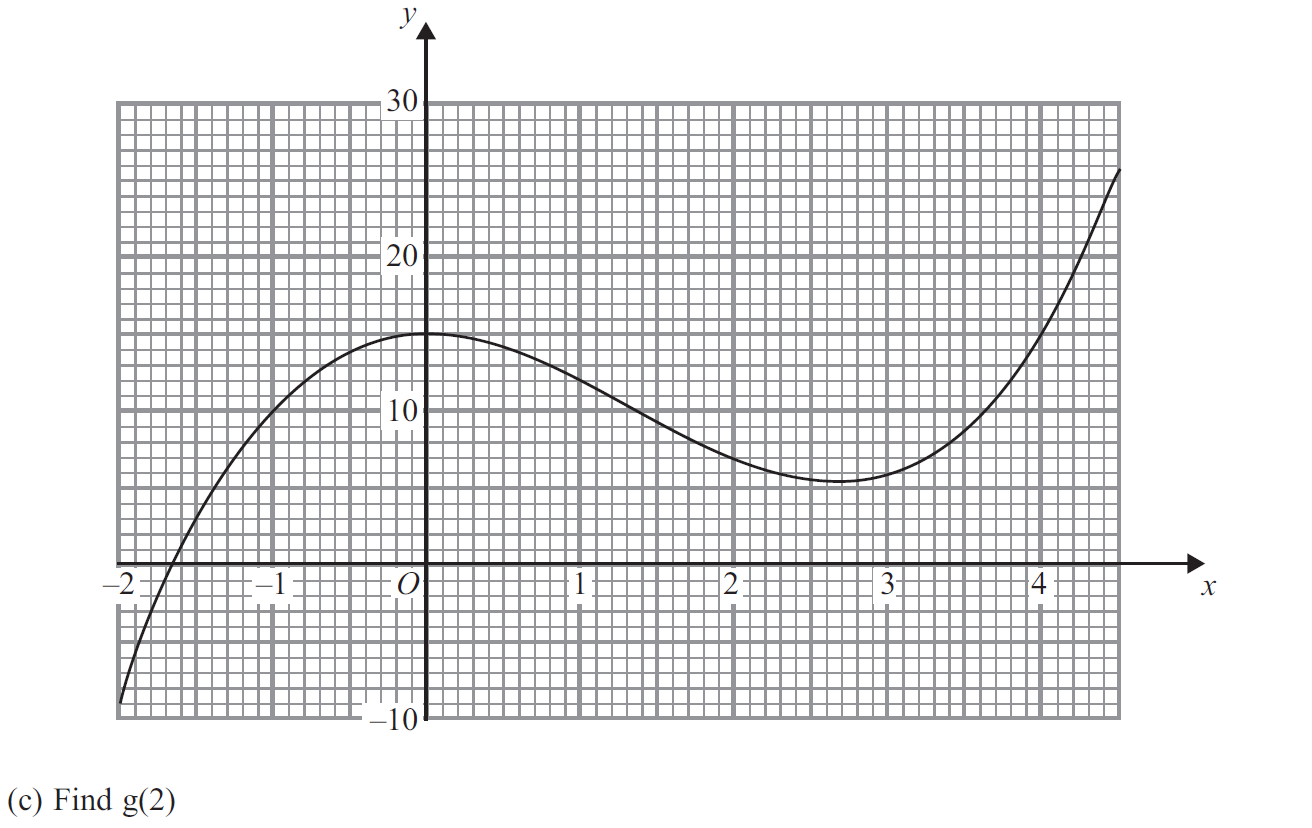
4



5

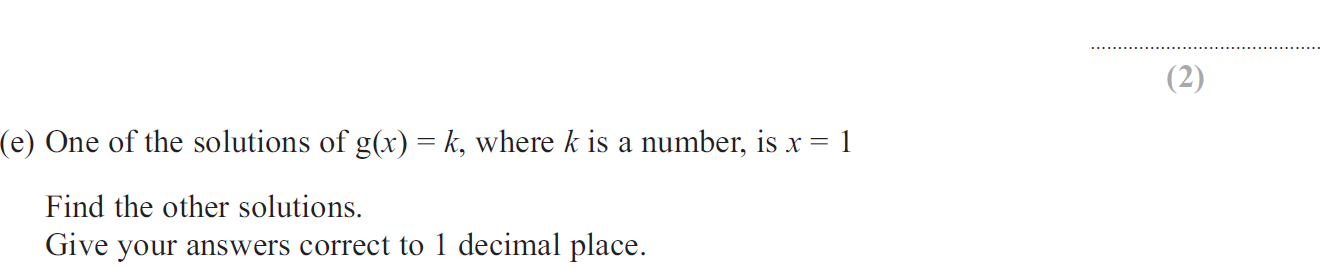


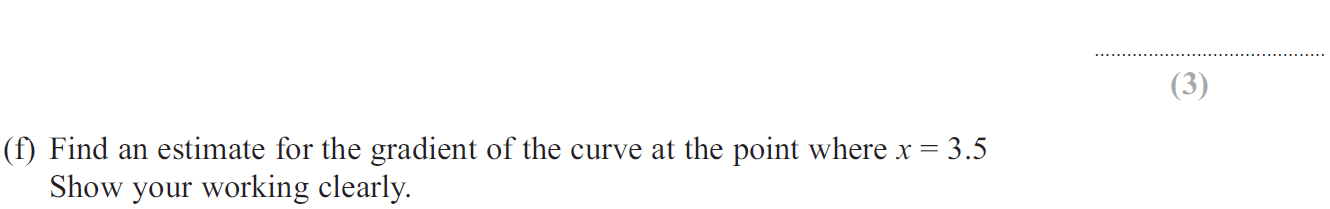


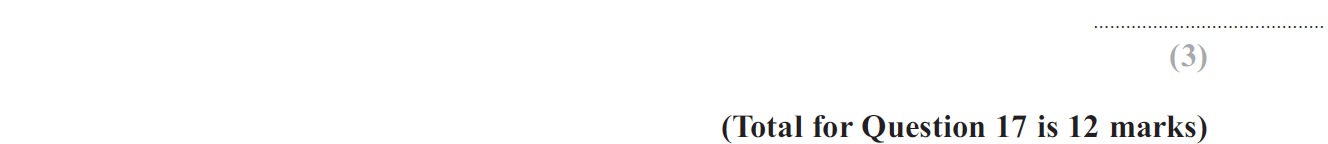




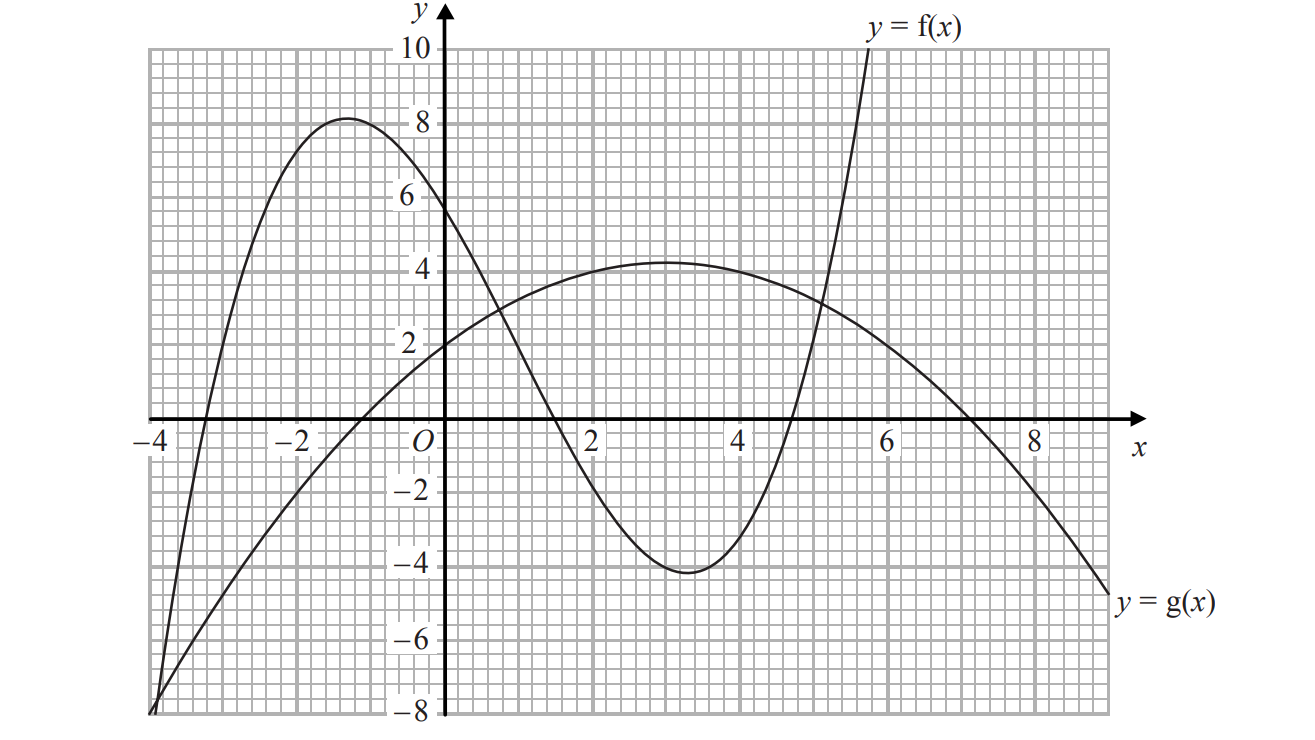






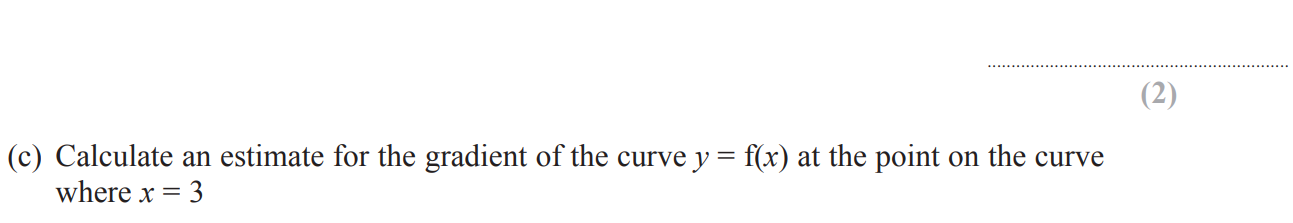


6









7

