

## Answers

Q1 a)  $f(3) = 11$

b)  $f(-2) = -9$

c)  $f(0) = -1$

Q2 a)  $g(2) = 7$

b)  $g(-1) = 4$

c)  $g(-2) = 7$

Q3 a)  $f(1) = 4$

b)  $f(2) = 5$

c)  $f(-2) = -11$

Q4 a)  $h(4) = 4$

b)  $h(0) = 2$

c)  $h(7) = 5$

Q5 a)  $f(1) = 3$

b)  $f(-2) = -12$

c)  $f(4) = 72$

Q6 a)  $f(1) = 3$

b)  $f(9) = 1$

c)  $f(0)$  is undefined.

Q7  $a = 4$

Q8  $t = 3$

Q9  $r = \pm 2$

Q10  $a = 25$

Q11  $i = 2$

Q12  $n = 60$