

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 $n = 60$