Q1 $f(x)=4 x-1$. Evaluate:
a) $f(3)$
b) $f(-2)$
c) $f(0)$

Q2 $g(x)=x^{2}+3$. Evaluate:
a) $g(2)$
b) $g(-1)$
c) $g(-2)$

Q3 $\quad f(x)=1+4 x-x^{2}$. Evaluate:
a) $f(1)$
b) $f(2)$
c) $f(-2)$

Q4 $\quad h(x)=\sqrt{3 x+4}$. Evaluate:
a) $h(4)$
b) $h(0)$
c) $h(7)$

Q5 $\quad f(x)=x^{3}+2 x$. Evaluate:
a) $f(1)$
b) $f(-2)$
c) $f(4)$

Q6 $\quad f(x)=\frac{3}{\sqrt{x}}$. Evaluate:
a) $f(1)$
b) $f(9)$
c) $f(0)$

Q7 The function $f$ is defined as $f(x)=2 x+3$. Given that $f(a)=11$, find the value of $a$.

Q8 The function $f$ is defined as $f(x)=x^{3}+2$. Given that $f(t)=29$, find the value of $t$.

Q9 The function $f$ is defined as $f(x)=x^{2}-1$. Given that $f(r)=3$, find two possible values of $r$.

Q10 The function $f$ is defined as $f(x)=2 \sqrt{x}$. Given that $f(a)=10$, find the value of $a$.

Q11 The function $g$ is defined as $g(x)=5 x^{3}$. Given that $g(i)=40$, determine the value of $i$.

Q12 The function $t$ is defined as $t(x)=\tan x^{\circ}$. Given that $t(n)=\sqrt{3}$ and $0<n<90$, find $n$.

