



# SPTA

## N5 Homework

### Functions (B)



**Show all working – NO Calculator allowed.**

**Marks**

1. Given that  $f(x) = x^3 - 7$

a) Evaluate  $f(-4)$

(2)

b) If  $f(p) = 20$ , find  $p$

(2)

2. Given that  $g(x) = \frac{x^2 + 11}{5}$

a) Evaluate  $g(2)$

(2)

b) Evaluate  $g(-3)$

(2)

c) If  $g(m) = 12$ , find  $m$

(2)

**Total Marks: 10**