

**EG02021 Mathematics**  
**Feedback Quiz 1: Functions**  
**Total Points 10**

**Name:****ID:**

**Exercise 1:** Given the function  $h(p) = p^2 + 2p$

a) Evaluate  $h(16)$ b) Solve  $h(p) = 6$ 

**Exercise 2:** Compute the average rate of change of  $f(x) = x^2 - \frac{1}{x}$  on the interval  $[4, 8]$ .

**Exercise 3:** Identify the below curves.

