

Investigation 1- In Class Validation

Baldivis  
Secondary College

**GST & Best Buys****[Calculator Allowed]****FULL MARKS WILL NOT BE GIVEN unless ALL working out is shown.**

Name: \_\_\_\_\_

Class \_\_\_\_\_

Total Marks: 15 marks  
Total Time: 20 minutes

**Goods & Services Tax (GST) is a tax that is added to goods or services (currently @ 10%) which shop-keepers & store owners pay to the government.**

[Although GST does not currently apply to all food items, for the purpose of this investigation we shall assume it does.]

1. If your family's weekly shopping bill was \$110 before GST, what will it cost with GST?
  - a) Find 10% of \$110
  - b) Add this to \$110

(2 marks)

2. Decrease your answer to Qn. 1 above by 10%

(1 mark)

3. Explain why you did not get \$110 as your answer

(2 marks)

4. If the GST was raised to 12%, how much would your family need to spend to buy the same groceries?

(3 marks)

5. If you buy a 1.4 kg packet of Weet-bix for \$7.00,  
how much is the cost price for 100g of Weet-bix?

(1000g = 1Kg)

Find 1Kg \$ cost  
1g \$ cost

So 100g cost price is ?

(3 marks)

6. If 750g of Weet-bix sells for \$6.00, how much is the cost price per 100g?

Which one is cheaper?

(4 marks)