

Financial Mathematics Topic Test

1. Which is the better buy, 200 ml of shampoo for \$6.40 or 300 ml for \$9.90? Explain why.

2. Last financial year a company had expenses of \$ 250 000 and income of \$350 000. What percentage profit did the company make on its expenses?

3. When he had his hours reduced in his part time job, Hank's pay went down from \$58 per week to \$45 per week.

What is the percentage decrease in his pay? (Answer to the nearest whole number.)

Name: _____

4. A retailer has priced a printer at \$125.95 including 10% GST.

Find the price before GST was added (Answer to the nearest 5 cents)

5. A beauty salon bought bottles of moisturiser for \$30 each and sold them at a 60% profit.

What was the selling price of a bottle of moisturiser?

6. An auto-parts store sells touch-up paint for \$8.00 before GST. What is the price when 10% GST is included?

7. The price of a model car is \$132 including GST. What was the price before adding GST?

10. A retailer has priced a printer at \$125.95 including 10% GST.

Find the GST that was added.

8. Sophie buys a TV for \$500 and sells it later for \$320. What is her loss as a percentage of the selling price?

11.

There are four ways that you can buy Loner brand soft drink in a supermarket.

Which is the best value for money?
(Explain how you determined your answer.)

A pack of six 300 ml cans for \$7.20.
Individual 375 ml cans for \$2.80 each.

Individual 1.25 litre bottles for \$4.80 each.
Individual 2 litre bottles for \$7.80

9. Natasha is saving 62.5 % of her weekly pocket money to buy a bike.

If her weekly pocket money totals \$36.00, how much does she save?