

P5 Term 4 : SA2 Mini Revision

Topic : Percentage

Strategy 1: Part of a whole

Strategy 2: Discount & GST

Higher order questions

Strategy 1: Part of a whole

1. Identify what is 100%
2. Find the relationship between a percentage and a value
3. Find 1% or any other % that would help to find the required %
4. Solve for answer

Strategy 2: Discount & GST

1. Identify which is
 - Discount (DIS)
 - Discounted Price (DP)
 - Usual Price (UP)
2. Find the relationship between a percentage and a value
3. Find 1% or any other % that would help to find the required %
4. Solve for answer

*GST is on Discounted price, not Usual Price

Strategy 2: Discount and GST

1. During a sale, a bag was sold at a discount of 25%. The sale price of the bag was \$ 60. What was the original price of the bag before the discount? (SAC/17/Prelim/P1/Q11/2m)

2. During a sale, Mrs Tan bought a refrigerator at a discount of 15%. She had to pay a GST of 7% on the sale price. (TNS/SA2/P2/Q13)

- a) How much was the GST?
- b) How much did she pay?



Usual Price: \$1800 (before GST)

3. The original price of a washing machine was \$ 900. Mrs Lee bought the washing machine at a discount of 15%.

(HILDA/17/Prelim/P2/Q9)

- a) What was the discounted price of the washing machine?
- b) If there was a GST of 7%, how much did Mrs Lee pay in total?

Higher order questions

1. Debbie and Nick bought the same number of identical books at a bookstore. Debbie paid \$ 165 for all the books she bought. Nick was given a 20% discount. With the discount, he could buy another 3 such books at the original price. What was the price of each book after discount?

(TNS/17/Prelim/P2/Q9/3m)

2. Gerald had 150 fruits in a box at first. 40% of the fruits were coconuts and the rest were grapefruits. He threw away 25% of the coconuts that were rotten. He then bought some more grapefruits and the number of grapefruits increased to 70% of the fruits left in the box. How many grapefruits did he buy?

(HWS/SA2/P2/Q16)