

**WALT** Calculate markups discounts and GST

**Success Criteria** I know....

- How to calculate percentages of an amount.
- Use a multiplier

- 1 A baker puts a 'mark-up' of 35% on the bread sold to store-keepers. If it costs the baker, on average, 90 cents per loaf, what price must the baker charge storekeepers (to the nearest cent)? (Ignore GST.)
- 2 A chicken pack costing \$5.40 needs to be increased in price by 12.5% for the GST. What should it sell for?
- 3 A butcher buys chicken breast fillets for \$5 per kg and adds a 65% mark up for profit. What price per kilogram will the customer pay? (Ignore GST.)
- 4 An item costs \$60 before GST is added on. What is the cost including GST?
- 5 A side of lamb costs \$25. GST is added on to this. What will it now cost?

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**Example 20**

A CD marked at \$28 is discounted by 15%. Calculate the sale price.

$$\begin{aligned} \text{sale price} &= \text{marked price} \times \text{multiplier} \\ &= \$28 \times 0.85 \\ &= \$23.80 \quad (\text{this price still includes GST}) \end{aligned}$$



A discount reduces the price of an item!

- 6 A bicycle marked at \$560 is to be discounted by 30%. Calculate the sale price.
- 7 Discount a \$45 item by 12%.
- 8 A wok priced at \$95 is to be sold at a 45% discount. Calculate its selling price.

