Mental Computation

Year 7 Mathematics

End Term 1

Sample 1

Mental computation (End Term 1)
1 Spell probability.
2 Add GST (10%) to $40.
3 $2.50 per litre. How much for 6 litres?
4 A coin is tossed, what is the chance of a tail?
5 A 6-sided die is tossed, what is P(>4)?
6 What is the formula for the area of a triangle?
7 What is the area of a triangle 6 cm by 3 cm?
8 Change 40% to a fraction.
9 Which is the best buy: $8 for 4 L or $12 for 3 L?
10 If the price of petrol is $2 per litre, how much for 50 L?

Sample 2

Mental computation (End Term 1)
1 Spell rectangle.
2 Add GST (10%) to $60.
3 $2.50 per litre. How much for 5 litres?
4 A coin is tossed, what is the chance of a head?
5 A 6-sided die is tossed, what is P(>2)?
6 What is the formula for the area of a rectangle?
7 What is the area of a triangle 4 cm by 7 cm?
8 Change 60% to a fraction.
9 Which is the best buy: $9 for 3 L or $10 for 5 L?
10 If the price of petrol is $2 per litre, how much for 52 L?

Sample 3

Mental computation (End Term 1)
1 Spell percentage.
2 Add GST (10%) to $30.
3 $1.50 per litre. How much for 3 litres?
4 A coin is tossed, what is the chance of a tail?
5 A 6-sided die is tossed, what is P(>3)?
6 What is the formula for the area of a triangle?
7 What is the area of a rectangle 6 cm by 7 cm?
8 Change 20% to a fraction.
9 Which is the best buy: $6 for 3 L or $15 for 5 L?
10 If the price of petrol is $2 per litre, how much for 42 L?