1 Write an expression for each situation.

(a) A box holds x pens. Write an expression for the number of pens in 5 boxes (1)

(b) Sara is y years old. Write an expression for her age in 4 years' time (1)

(c) A rope is m metres long. Write an expression for its length after 3 metres are cut off (1)

(d) n sweets are shared equally between 6 children. Write an expression for the number each child gets (1)

(4 marks)

2 Write an expression for each situation.

(a) A student runs 400 m in t seconds. His friend is 4 seconds faster. Write an expression for the friend's time (1)

(b) A second-hand game costs $\$x$. A new copy costs six dollars more than double the second-hand price. Write an expression for the new price (1)

(c) Isabel gets m marks. Luis gets 15 fewer than triple Isabel's marks. Write an expression for Luis's marks (1)

(3 marks)

3 Write an expression for each situation.

(a) A crate holds c mangoes. Write an expression for the number in 4 crates and 7 loose mangoes (1)

(b) A trader buys n shirts at $12{,}000$ shillings each and pays $5{,}000$ for transport. Write an expression for the total cost (1)

(c) A tank holds L litres. 20 litres are used and the rest is shared equally into 5 jerrycans. Write an expression for the amount in each jerrycan (1)

(3 marks)

4 Now the other way round. Describe a situation that each expression could be about. Say what the letter counts.

(a) $6n$ (2)

(b) $p + 10$ (2)

(4 marks)

5 Describe a situation that each expression could be about. Say what the letter counts and what each number is for.

(a) $3x - 2$ (2)

(b) $4n + 100$ (2)

(6 marks)