

Answers & explanations

Total: 16 marks. Accept equivalent correct methods.

1. 20 (1 mark)

$$12 + 8 = 20.$$

2. 25 (1 mark)

Subtract 10 from 34 to get 24, then add 1 back.

3. 18 (1 mark)

$$6 \times 3 = 18.$$

4. 6 counters (1 mark)

$$24 \text{ divided by } 4 = 6.$$

5. 20 (1 mark)

The sequence increases by 5 each time.

6. 12 (2 marks)

$$20 \text{ divided by } 5 = 4; 4 \times 3 = 12.$$

7. 15p (2 marks)

$$50\text{p} - 35\text{p} = 15\text{p}.$$

Keep the conversation positive.

8. 3:30 pm (1 mark)

Accept 15:30 or half past three.

9. 16 cm (2 marks)

Add all four sides: $4 + 4 + 4 + 4 = 16$ cm.

10. 8 beads (2 marks)

$7 + 5 = 12$, then $12 - 4 = 8$.

11. 17 (1 mark)

17 cannot be divided into two equal whole-number groups.

12. A triangle (1 mark)

Accept any closed triangle with three straight sides.

Awarding the two-mark questions

Questions 6, 7, 9 and 10: award 2 marks for a correct answer.

If the final answer is incorrect, award 1 mark for a correct method or a meaningful correct intermediate step shown in the working.

Do not award a method mark for an unsupported incorrect answer.

Use the score to choose a skill to revisit, not as an admission prediction.