1    **(a)** Oliver writes this calculation.

$$1 + 2 \times 5^2 = 75$$

Tick (✓) to show if Oliver is correct or **not** correct.

Oliver is correct ☐         Oliver is not correct ☐

Explain your answer.

............................................................................................................................

............................................................................................................................

[1]

**(b)** Work out.

$$\sqrt{3^2 \times 2^3 + 28}$$

.......................................... [2]

## Mark Scheme:

| | | | | |
|---|---|---|---|---|
| 5(a) | Ticks Oliver is not correct **and** A correct explanation, e.g. He has not used the correct order of operations. | 1 | | Accept any equivalent explanation, e.g. He has not used BIDMAS. Accept correct working/answer shown instead of an explanation. Incorrect work/reason (even if with something correct) = 0 marks for the question. |
| 5(b) | $[\pm]10$ | 2 | Award 1 mark for $9 \times 8 + 28$ or better. | Or better, e.g. 100, $\sqrt{9 \times 8 + 28}$, $\sqrt{72 + 28}$ |