

1 Here are 3 number patterns.

| | | | | | | |
|---|---|----|----|----|--|----|
| 0 | 5 | 10 | 15 | 20 | | 30 |
|---|---|----|----|----|--|----|

| | | | | | | |
|----|----|--|----|----|----|----|
| 27 | 37 | | 57 | 67 | 77 | 87 |
|----|----|--|----|----|----|----|

| | | | | | | |
|----|----|----|----|--|----|----|
| 32 | 30 | 28 | 26 | | 22 | 20 |
|----|----|----|----|--|----|----|

What is the sum of the three missing numbers?

2 Work out the value of each symbol.

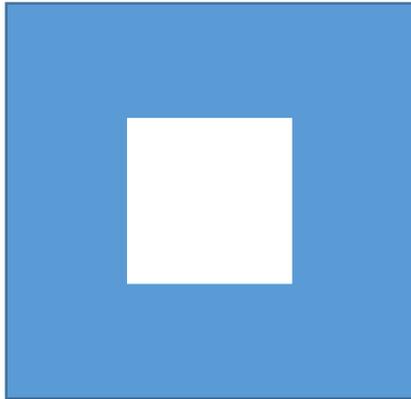
$$\triangle + \triangle = 18$$

$$\triangle + \diamond = 30$$

$$\star - \diamond = 10$$

- 1 Yasmin has a large blue square piece of paper.

She cuts out a 4 cm x 4 cm square from the centre.



The area of the blue region is 65 cm².
What is the length of the large blue square?

- 2 Work out the value of each symbol.

$$\triangle + \star + \diamond = 100$$

$$\triangle + \diamond = 67$$

$$\star - \diamond = 18$$