

## Mode, Median & Range Answers

### PAGES 8 & 9

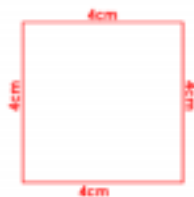
**1** (a) 10p, (b)  $9^\circ$ , (c) 47p, (d)  $22^\circ$ , (e) £32, (f)  $13^\circ$     **2** (a) 12p, (b)  $8^\circ$ , (c) 13p, (d)  $6^\circ$ , (e) £24, (f)  $13^\circ$     **3** (a) 3, 4, (b) 30, 15  
**4** (top group) 5, 9; (bottom group)  $8^\circ\text{C}$ ,  $15^\circ\text{C}$     **5** (a) 59p, 16p, 37p, (b) 15, 143, 142

### Developing

1a. False. Shape A = 9cm and Shape B = 14cm

2a. The perimeter is 16cm, not 8cm. She has only measured two out of the four sides.

3a.

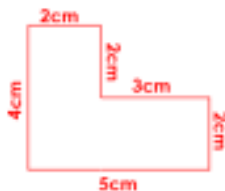


### Expected

4a. True. Both Shape A and Shape B = 18cm.

5a. The perimeter is 18cm, not 16cm. She has missed the side that equals 2cm.

6a.

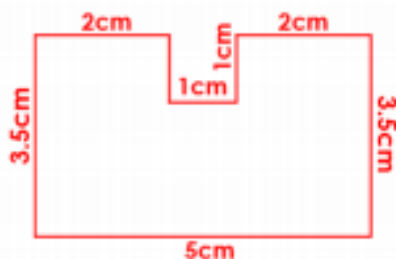
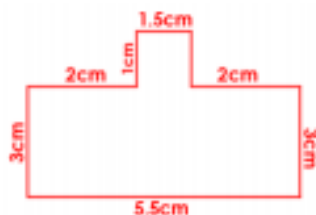


### Greater Depth

7a. False. Shape A = 17cm and Shape B = 18cm.

8a. The perimeter is 21cm, not 20cm. She has missed one side that equals 1cm.

9a. Various answers, for example:



### Developing

1b. True. Both Shape A and Shape B = 12cm.

2b. The perimeter is 12cm, not 16cm. He has added an extra side.

3b. Various answers, for example:

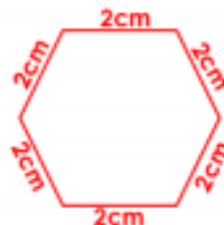


### Expected

4b. False. Shape A = 12cm and Shape B = 14cm.

5b. The perimeter is 22cm, not 19cm. He has missed one of the sides that equals 3cm.

6b.



### Greater Depth

7b. False. Shape A = 21cm and Shape B = 24cm.

8b. The perimeter is 19cm, not 21cm. He has counted the side that equals 2cm twice.

9b. Various answers, for example:

