

Mark schemes

- 1.** (a) 200 1
- (b) 50 1
- [2]
- 2.** (a) Paris 1
- (b) 3 1
- Do not accept -3.** 1
- [2]
- 3.** Gives a correct explanation which demonstrates how the graph shows two children could be taller than Alfie, eg:
- One person from the class is 160-169cm. But someone as well as this person could be taller than Alfie. 2 people range from 150-159 cm, the other person could be 154, 155, etc
 - Minimally acceptable explanation, eg:*
 - It could be 1.64, 1.56, Alfie*
 - It depends on how tall the other person in his height group is*
 - There could be someone between 150-159 cm who is taller than Alfie*
 - ! Condone incorrect use of boundary values, eg:*
 - One child is in the range 160 cm–169 cm. Don't know how tall the other child between 150 cm and 159 cm is*
- Do not accept incomplete or incorrect explanation, eg:**
- There is 1 child in the range 150 cm-159 cm taller than Alfie*
 - There could be two children taller than Alfie*
- [1]
- 4.** (a) Gives an answer in the range 25 to 29 inclusive 1
- (b) Gives an answer in the range 44 to 52 inclusive 1
- [2]

5.

(a) Lara

Accept unambiguous abbreviations or recognisable misspellings.

1

(b) Grace

Accept unambiguous abbreviations or recognisable misspellings.

1

[2]