

Mark schemes

Q1.

- (a) 200 1
- (b) 50 1

[2]

Q2.

- (a) Paris 1
- (b) 3 1

Do not accept -3.

1

[2]

Q3.

- (a) £7 1

Accept an answer in the range £6.75 to £7.25 inclusive.

- (b) 4 1

Do not accept a list of classes.

1

[2]

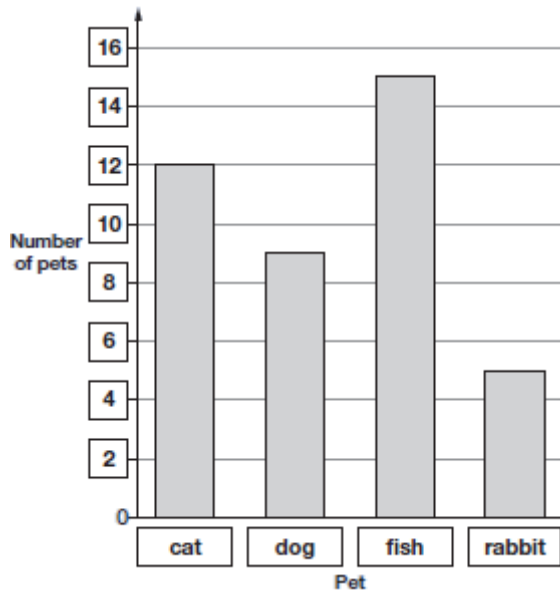
Q4.

- (a) 5 1
- (b) 45 1

[2]

Q5.

- (a) Vertical axis completed correctly as shown. 1
- (b) Horizontal axis completed correctly as shown.



1

Accept unambiguous abbreviations or recognisable misspellings.

[2]

Q6.

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]

Q7.

(a) 1974 **OR** 1975 **OR** 1976

1

(b) A whole number answer in the range 130 000 to 180 000 **inclusive**.

- (c) A whole number answer in the range 510 000 to 550 000 **exclusive**.
Do not accept 510 000 OR 550 000

1

1

[3]

Q8.

- (a) Answer in the range 125 cm inclusive to 140 cm exclusive
Do not accept 140 cm.

1

- (b) Answer in the range 9:30 am to 9:50 am inclusive
Accept an answer in the range 4:30 pm to 4:50 pm inclusive.

1

[2]

Q9.

- (a) Accept answers in the range 22.2 to 22.8 exclusive.
Do not accept 22.2 or 22.8

1

- (b) Accept answers in the range 2:48pm to 2:52pm inclusive.
The answer is a specific time.

1

- (c) 5

1

[3]

Q10.

- (a) 7

1

Do not accept -7 or 7-

- (b) -2

1

Do not accept 2-

[2]