

## Mark scheme

**Q1.**

(a) 7

1

**Do not accept**  $-7$  or  $7-$ (b)  $-2$ 

1

**Do not accept**  $2-$ **[2]****Q2.**

(a) Paris

1

(b) 3

**Do not accept**  $-3$ .

1

**[2]****Q3.**

18

**Accept**  $-18$ **[1]****Q4.**

(a) 5

1

(b)  $-3$  **OR** minus 3**Accept** '3 degrees below zero' or similar **OR**  $-3$ ' written on either thermometer.**Do not accept** '3-' **OR** a mark on the thermometers such as a cross, unless the numerical answer is written.

1

**[2]****Q5.**The gradation corresponding to  $-1.5$  correctly indicated on the number line

1

*It is not necessary for the point to be labelled –1.5*

*It is not necessary for the point to be marked with an arrow.*

A point corresponding to 0.45 correctly indicated on the number line

1

*It is not necessary for the point to be labelled 0.45*

*Accept any point marked that is clearly **between** the gradations for 0.4 and 0.5*

*It is not necessary for the point to be marked with an arrow.*

[2]

### Q6.

Explanation that recognises that the sequence does not always increase by four, with clear reference to the data, e.g.

- The difference between 1996 and 1999 is three years, not four so it is not always every four years
- It would be 2000 if it was every 4 years
- It should have ended in 2016

**OR**

Explanation that demonstrates that the sequence does not always increase by 4, but does not reference specific years from the data, e.g.

- The cricket world cup was sometimes 3 years apart instead of 4 years apart
- Not all of the years have 4 years difference between.

**Do not** accept vague or incomplete explanations, e.g.

- *It does not always increase by four*
- *It should be 2000*
- *The difference can be 3, 4 or 5 years at different times.*

**Do not** accept explanations which include incorrect mathematics or incorrect information that is relevant to the explanation, e.g.

- $1992 + 4 = 1996 + 3 = 1999$

[1]

### Q7.

Award **ONE** mark for the correct answer as shown:

- E B C D A

Accept:

- £91,500 B £130,500 £131,500 £135,300

[1]

**Q8.**

Award **TWO** marks for three rows completed correctly as shown:

50

**120** OR 140 OR 160 OR 180

**210** OR 240 OR 270

**320** OR 360

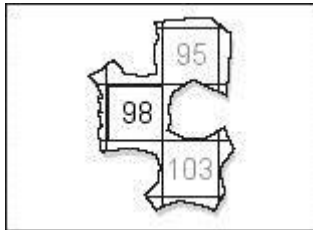
If the answer is incorrect, award **ONE** mark for two rows correct.

Up to 2

[2]

**Q9.**

Chart completed as shown:



[1]

**Q10.**

550

*Accept 0.5 kg.*

[1]

**Q11.**

Boxes completed as shown:

£ 8569

£ 9090

£ 9130

£ 8999

**Both** answers must be correct for the award of the mark.  
 Accept alternative unambiguous indications, such as 'Yes'.  
 Ignore crosses or 'No' in the other boxes, provided it is clear

*that the correct two prices have been chosen.*

[1]

**Q12.**

(a) Derby **OR** Stoke

*Accept recognisable misspellings  
OR unambiguous indications on the diagram.*

1

(b) Answer in the range 60 to 65 inclusive.

1

[2]

**Q13.**

Award **TWO** marks for numbers placed correctly, as shown.

45,170	45,180	45,190	<b>45,200</b>
55,170			
65,170		<b>65,190</b>	
<b>75,170</b>			

Award **ONE** mark for any two numbers placed correctly.

[2]