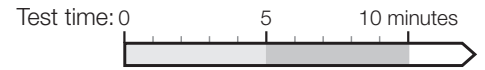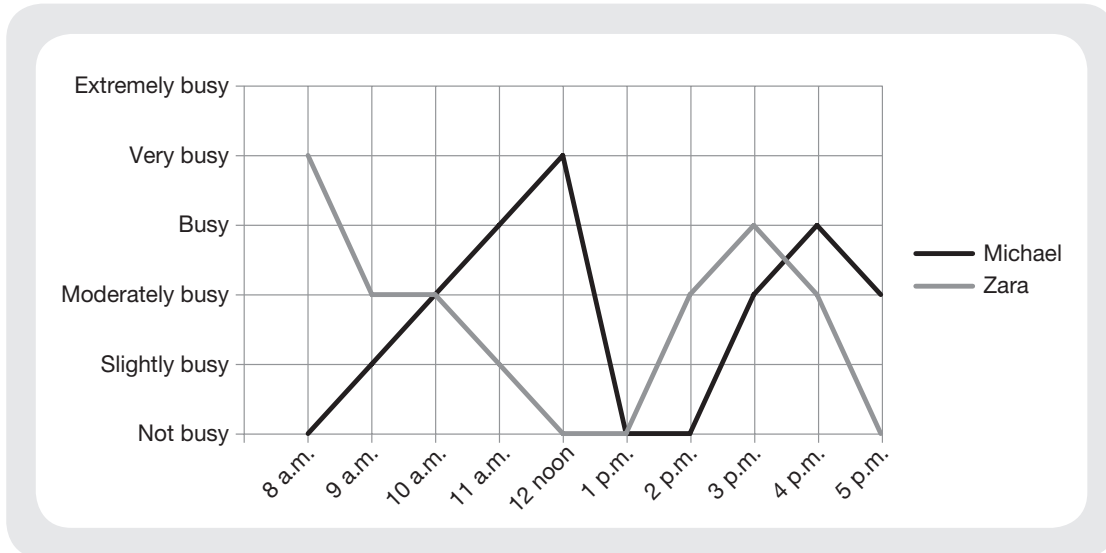## Test B: **Data**

Yesterday Michael and Zara each recorded how busy they were during the day. Use the chart to answer the following questions. Underline the correct answer.

1 At what time was Michael the busiest?

    a 8 a.m.   **b** 10 a.m.   **c** 12 noon   **d** 3 p.m.   **e** 5 p.m.

2 At what time was Zara the busiest?

    a 8 a.m.   **b** 10 a.m.   **c** 12 noon   **d** 3 p.m.   **e** 5 p.m.

3 At what time did Michael stop for lunch?

    a 11 a.m.   **b** 12 noon   **c** 1 p.m.   **d** 2 p.m.   **e** 3 p.m.

4 At what time did Zara stop for lunch?

    a 11 a.m.   **b** 12 noon   **c** 1 p.m.   **d** 2 p.m.   **e** 3 p.m.

This table shows the village dog show results. There were 100 points shared between the five categories. Use the table to answer the following questions. Underline the correct answer.

	Looks	Behaviour	Agility	Obedience	Gait
Terriers	$\frac{18}{20}$	$\frac{13}{20}$	$\frac{15}{20}$	$\frac{15}{20}$	$\frac{19}{20}$
Working Dogs	$\frac{16}{20}$	$\frac{13}{20}$	$\frac{14}{20}$	$\frac{20}{20}$	$\frac{19}{20}$
Companion Dogs	$\frac{20}{20}$	$\frac{11}{20}$	$\frac{18}{20}$	$\frac{18}{20}$	$\frac{16}{20}$

5   What percentage did the companion dogs score overall?   ⬭ 1

   a 58%   **b** 63%   **c** 72%   **d** 83%   **e** 90%

6   What fraction of the highest possible score was given for obedience?   ⬭ 1

   a $\frac{1}{2}$ **b** $\frac{1}{4}$ **c** $\frac{1}{5}$ **d** $\frac{1}{10}$ **e** $\frac{1}{20}$

7   What was the mean score for the terriers?   ⬭ 1

   a 15   **b** 16   **c** 17   **d** 18   **e** 19

8   Which **TWO** show categories share the same total score? Underline **TWO** answers.   ⬭ 1

   a Looks   **b** Behaviour   **c** Agility   **d** Obedience   **e** Gait

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Class 6 completed a morning weather chart for the school month. Use the chart to answer the questions. Underline one answer for each question.

KEY	DAY	WEEK 1	WEEK 2	WEEK 3	WEEK 4
Sun ☀	**Monday**	Sun	Cloud	Rain	Cloud
Cloud ☁	**Tuesday**	Cloud	Rain	Sun	Cloud
Rain 🌧	**Wednesday**	Cloud	Storm	Cloud	Sun
Storm ⚡	**Thursday**	Cloud	Rain	Rain	Cloud
	Friday	Sun	Cloud	Sun	Rain

9   Which school week had equal amounts of rain and sunshine?   ⬭ 1

   a Week 1   **b** Week 2   **c** Week 3   **d** Week 4

10   What fraction of the school month had cloud?   ⬭ 1

   a $\frac{9}{20}$ **b** $\frac{1}{2}$ **c** $\frac{4}{5}$ **d** $\frac{3}{4}$ **e** $\frac{9}{10}$

11   What percentage of the school month had stormy weather?   ⬭ 1

   a 0.5%   **b** 2%   **c** 5%   **d** 10%   **e** 20%

12   Which weekday had equal amounts of cloud and rain?   ⬭ 1

   a Monday   **b** Tuesday   **c** Wednesday   **d** Thursday   **e** Friday

Total ⬭ 12

Answers

Test 14: Data

1 c   **2** a

3 c   **4** b

5 d $\left(20 + 11 + 18 + 18 = 83\right.$

$\left.\frac{83}{100} = 83\%\right)$

6 c $\left(20 \text{ out of } 100 = \frac{1}{5}\right)$

7 b (18 + 13 + 15 + 15 + 19 = 80; 80 ÷ 5 categories = 16)

8 a and e   **9** c

10 a (9 out of 20)

11 c $\left(\text{storm } \frac{1}{20} = 5\%\right)$ **12** d