Multiple choice questions - Line graphs and timetables

Year: Year 5 · 10

Question 1 What does the horizontal axis of a line graph usually show?

- ◯ **A.** Time
- ◯ **B.** The amount
- ◯ **C.** The title
- ◯ **D.** The scale

Question 2 The temperature goes from 6 to 14 degrees. What is the rise?

- ◯ **A.** 20 degrees
- ◯ **B.** 8 degrees
- ◯ **C.** 6 degrees
- ◯ **D.** 14 degrees

Question 3 A flat line on a line graph means...

- ◯ **A.** a rise
- ◯ **B.** a fall
- ◯ **C.** no change
- ◯ **D.** a mistake

Question 4 A train leaves at 09:40 and arrives at 10:25. How long is the journey?

- ◯ **A.** 55 minutes
- ◯ **B.** 85 minutes
- ◯ **C.** 35 minutes
- ◯ **D.** 45 minutes

Question 5 What is 15:30 in the 12-hour clock?

- ◯ **A.** 3:30 pm
- ◯ **B.** 5:30 pm
- ◯ **C.** 3:30 am
- ◯ **D.** 1:30 pm

Question 6 What is 8:20 pm in the 24-hour clock?

- ◯ **A.** 08:20
- ◯ **B.** 20:20
- ◯ **C.** 18:20

- ◯ **D.** 28:20

Question 7 If each square on the scale is worth 5, a line at 6 squares is...

- ◯ **A.** 11
- ◯ **B.** 6
- ◯ **C.** 30
- ◯ **D.** 56

Question 8 Between two plotted points we can...

- ◯ **A.** know the exact value
- ◯ **B.** not read anything
- ◯ **C.** double the value
- ◯ **D.** estimate the value

Question 9 A bus leaves at 7:45 am and the next at 8:10 am. How long is the wait?

- ◯ **A.** 25 minutes
- ◯ **B.** 35 minutes
- ◯ **C.** 65 minutes
- ◯ **D.** 15 minutes

Question 10 The heights in week 1 and week 4 are 5 cm and 18 cm. How much growth?

- ◯ **A.** 23 cm
- ◯ **B.** 13 cm
- ◯ **C.** 12 cm
- ◯ **D.** 18 cm

Answer grid - Line graphs and timetables

Year: Year 5

Question	Answer	Explanation
1	**A**	Time goes along the bottom.
2	**B**	14 - 6.
3	**C**	The value stays the same.
4	**D**	20 + 25.
5	**A**	Subtract 12.
6	**B**	Add 12.
7	**C**	6 x 5.
8	**D**	The line shows an estimate.
9	**A**	15 + 10.
10	**B**	18 - 5.