Interpret Charts

1. Use the pictogram showing the number of different instruments played by different people to answer the questions below.

Instrument	Number of instruments played
Guitar	●●●●●●●●
Piano	●●●●●●◗
Drums	●●●●●
Trumpet	●●●●●◗
Double bass	●◗

Key: ● = 2 people

A. How many people play the piano?

B. How many more people play the guitar compared to the double bass?

C. How many people play an instrument in total?

VF

2. The table below shows the number of nurses working a shift on a ward at different times of the day throughout the week.

	Monday	Tuesday	Wednesday	Thursday	Friday
00:00 – 11:59	16	15	20	12	15
12:00 – 23:59	8	9	10	19	15

A. Which day had the most nurses working?

B. How many nurses worked the 00:00 – 11:59 shift across the week?

C. Which days had the fewest number of nurses working?

D. Which days had double the number of nurses working 00:00 – 11:59 compared to 12:00 – 23:59?

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3. June is looking at the bar chart below which shows how many children have visited different countries in Key Stage 2. She is sharing her interpretations of the data.

France and Italy had the same number of visitors.

A. Is she correct? Explain your answer.

B. Sweden and Norway had 40 visitors between them. Complete the bar chart.

RPS

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Interpret Charts

1. A. 13 people; B. 13 more people; C. 53 people in total.
2. A. Thursday; B. 78 shifts; C. Monday and Tuesday with 24 shifts; D. Monday and Wednesday
3. A. June is incorrect as the bar chart shows 40 children have visited France whereas only 30 children have visited Italy. This means more children have visited France compared to Italy.
B. Various answers, for example:

Sweden: 10; Norway: 30

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