Interpret and construct pie charts and line graphs and use these to solve problems

Place the following data onto a line graph:

1a)

Temperature changes
This table shows the temperature in a classroom throughout the day

Time	Temperature F
8am	41
9am	50
10am	60
11am	65
12pm	68
1pm	70
2pm	71
3pm	72
4pm	71
5pm	65
6pm	52

2a

Pocket money saved
This table shows how much money was in each child's bank account **on the 1st of each month**

Month	Lisa	Jake
January	42	15
February	44	25
March	46	35
April	49	42
May	52	44
June	55	24
July	59	54
August	50	60
September	80	50
October	82	60
November	84	64
December	85	69

Answer the following questions about the line graphs:

Temperature changes in a classroom

1b: During which hour was the greatest temperature change?

1c: At what times could the temperature have been 56 degrees?

1d: What could the temperature have been at 12.30pm?

1e: What could the temperature have been at 9.45am?

1f: How much did the temperature rise from 8am till it's highest point?

1g: Write an explanation that would explain the story of the line graph

Pocket money saved over a year

2b: In which month did Lisa save £30?

2c: In which month did Jake save £30?

2d: In what month were their totals the closest?

2e: During which month was the total of both of their savings the most?

2f: Can you explain why the lines for both Lisa and Jake change direction?

2g: Who saved the most money from January till December?

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Temperature changes

Pocket money saved