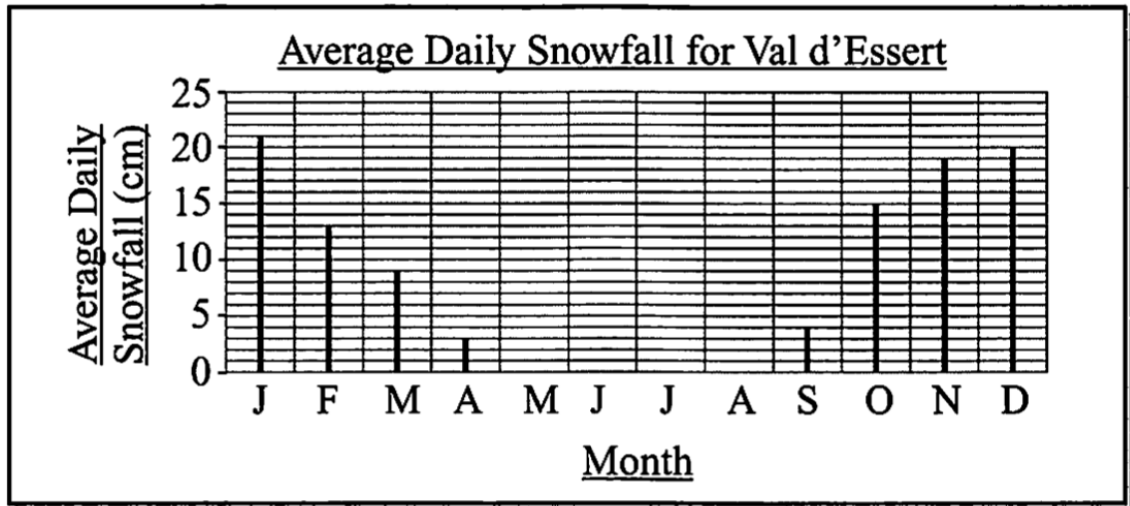


Business Skills for IHM

Data Assessment (Task 7)

Duration – 30 minutes

1. Lola is planning a snowboarding trip to Val d'Essert. She wants to go when there will be the most snow.



- a) Lola is working during January. Which month contains the next highest snowfall?
 - b) What is the average daily snowfall for March?
2. Lola has saved £800 for her trip. She has made a list of all the things she needs to pay for:

Snowboarding costs:	
Return flights	£315.00
Hotel	£258.00
Insurance	£72.80
Train to and from airport	£53.20

- a) How much money does Lola need in total?
- b) How much will she have left over for spending money on her trip?
- c) Lola's dad offers to drive her to and from the airport so she doesn't need to buy train tickets. How much spending money will she have now?

3. Will wants to hire a log cabin for a weekend with his friends. There will be 6 people in total, and they want to stay for two nights (Friday and Saturday) in March.

Prices per cabin per night	Elm cabin (sleeps 2)	Ash cabin (sleeps 4)	Oak cabin (sleeps 6)
Jan-May & Sept-Nov (Mon-Thurs)	£70	£100	£130
Jan-May & Sept-Nov (Fri-Sun)	£95	£125	£165
June-Aug & Dec (Mon-Sun)	£180	£200	£230

- a) How much will it cost in total to hire a big enough cabin for the two nights?
- b) How much will it cost per person to hire the cabin if they split the cost equally?
4. The cabin is near Travistown. Will and his friends plan to travel to Travistown by train. The owner of the cabin has offered to pick them up from Travistown train station:

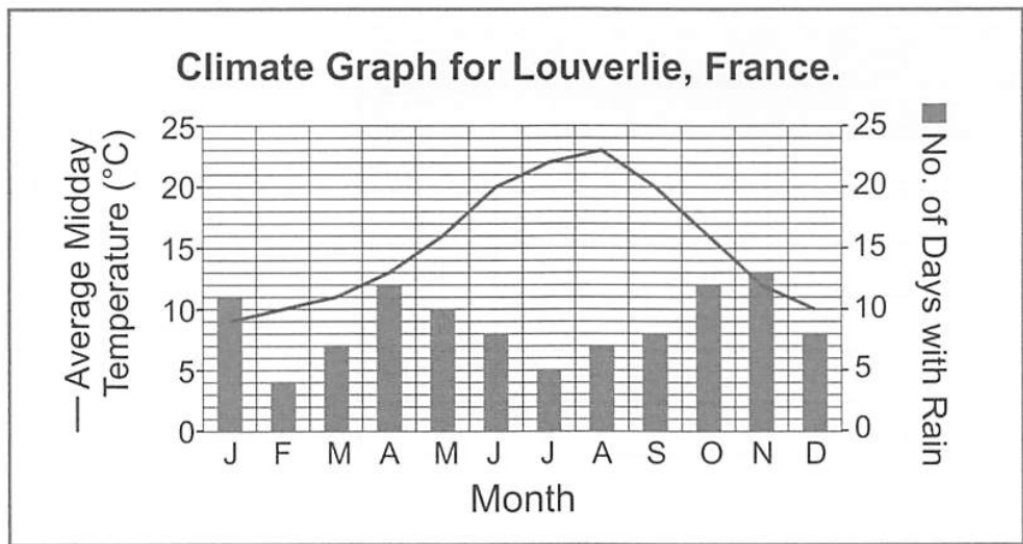
From: Mike
 To: Will
 Subject: Re: Getting to the cabin

Hi Will
 I can pick you up from Travistown Station, but it will have to be **before 9pm** on Friday evening. What time does your train get in?
 Thanks, Mike.

Depart:	15:39	17:20	19:06	20:03
Arrive:	18:12	18:53	20:56	21:36
Duration:	2h 33m	1h 33m	1h 50m	1h 30m

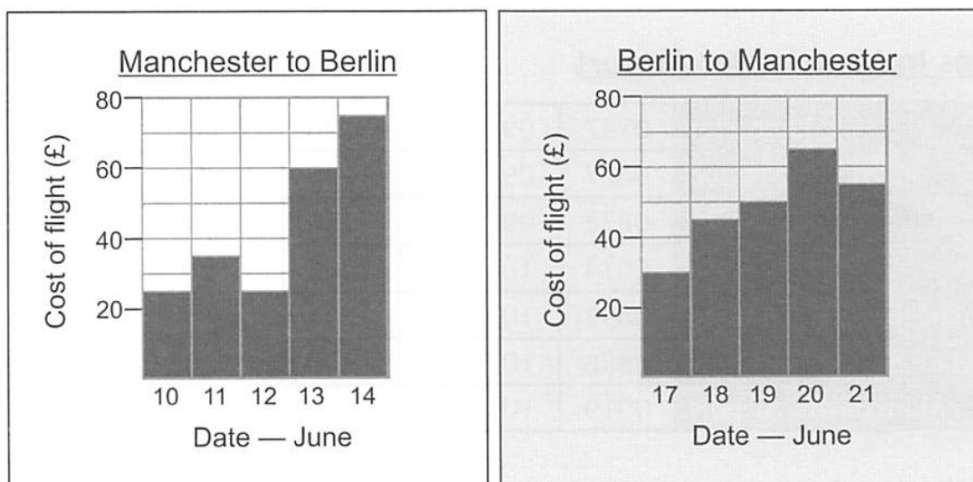
- a) What is the latest train leaving from Wrigly that Will and his friends can catch?
- b) Will thinks they should get a train that leaves Wrigly between 3 and 4pm. What time should he ask Mike to meet them in Travistown?
- c) Will gets home from work at 4:15 pm. He lives 15 minutes away from Wrigly station. How much time will he have to pack on the Friday afternoon?

5. Phillippa and her friends are deciding when to go on holiday to France. They would like to go when the average midday temperature is between 15 °C and 20 °C and when there's the least chance of rain.



- a) Which months have the right temperature for Phillippa and her friends?
- b) Which month should they plan their holiday for?

6. Fiona is looking at a website which shows the price of flights between any two places. She wants to fly from Manchester to Berlin on the 12th June, spending 8 nights in Berlin before flying back.



- a) How much money will Fiona have to pay for the two flights?
- b) The website says there is an extra charge of £13.80 for tax, and £9.75 for luggage. What will the total cost of the flights be?

7. Mr and Mrs Brown and their two children want to go on holiday next year. They want to go for two weeks in August.
The table below shows combined prices for the flights and hotel.

Number of nights:	7		14	
Board:	Half	Full	Half	Full
01 Jan —19 Mar	140	190	200	290
20 Mar —21 May	180	240	250	330
22 May —02 July	270	300	360	450
03 July —10 Sep	330	400	520	630
11 Sep —26 Nov	230	270	310	420
27 Nov —31 Dec	270	310	380	470

- a) How much will it cost for the family to go half board?
- b) The Browns have a budget of £1500. Can they afford to go full board?

Prices shown are in £s per adult.
Child prices are half the adult price.

8. The Brown family are getting the train from Chorley to Manchester Airport for their flight. It takes 15 minutes to walk to Chorley station from the Browns' house, and they will need 5minutes to pick up their tickets at the station.

Trains to Manchester Airport				
Lancaster	07:47	09:26	-	11:26
Preston	08:07	09:45	10:04	11:45
Chorley	08:22	09:56	10:22	11:56
Bolton	08:34	10:08	10:34	12:08
Manchester Oxford Road	08:52	10:23	10:52	12:23
Manchester Piccadilly	08:56	10:27	10:56	12:27
Manchester Airport	09:19	10:47	11:17	12:47



- a) What is the latest time the Browns can arrive at the airport for their flight?
- b) What is the latest time they can set off from home on the day of their flight?