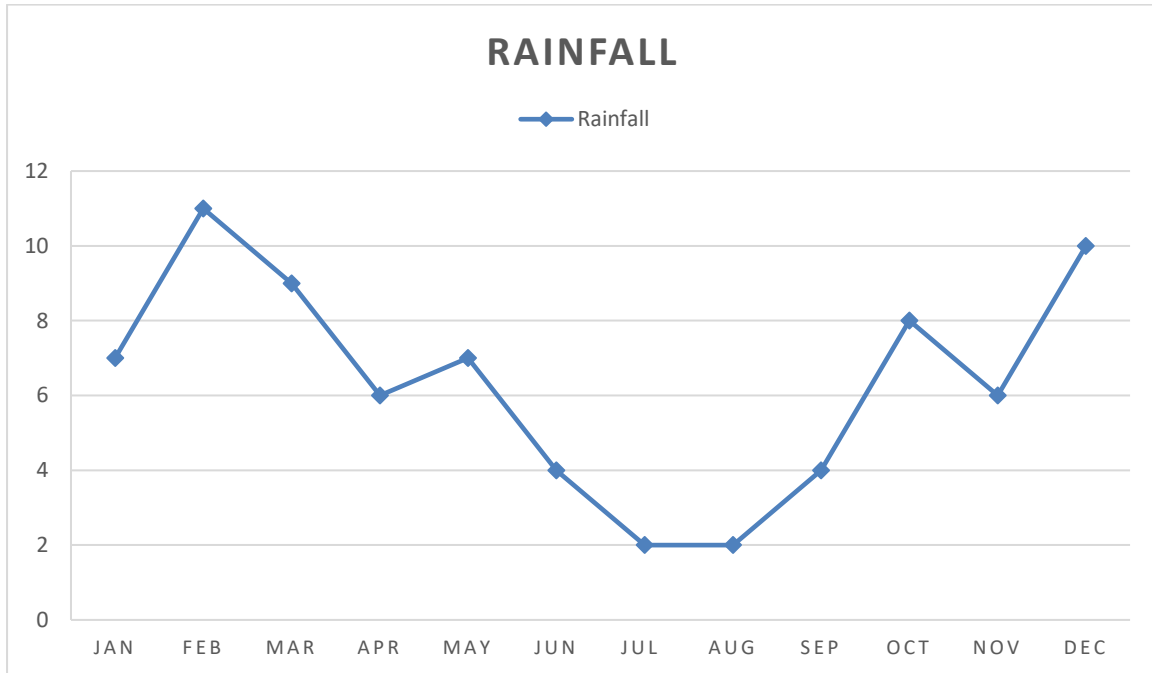


## Trend Graphs

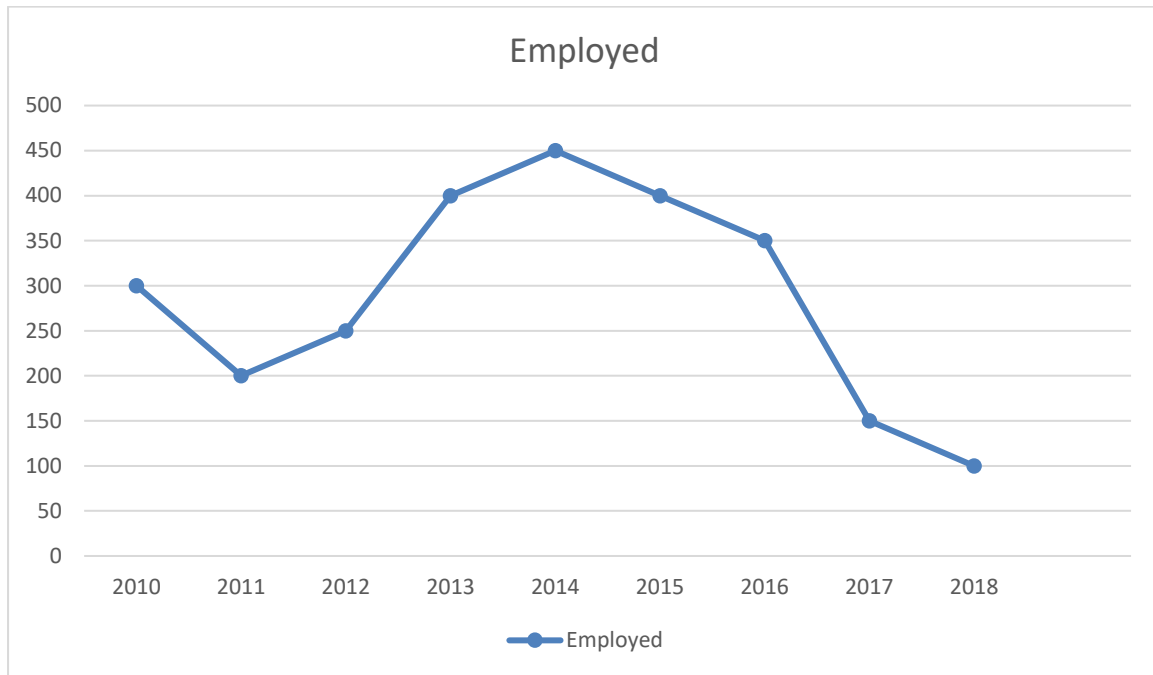
Q. 1. The following trend graph shows the monthly rainfall in cms in Dublin over 12 consecutive months.



Use the graph to answer the following questions:

- (i) Which month had the highest rainfall?
- (ii) In which two months did exactly 6cm of rain fall?
- (iii) How many months had 8cm or more of rainfall?
- (iv) What was the total rainfall for the year?
- (v) How many months showed an increase in rainfall?

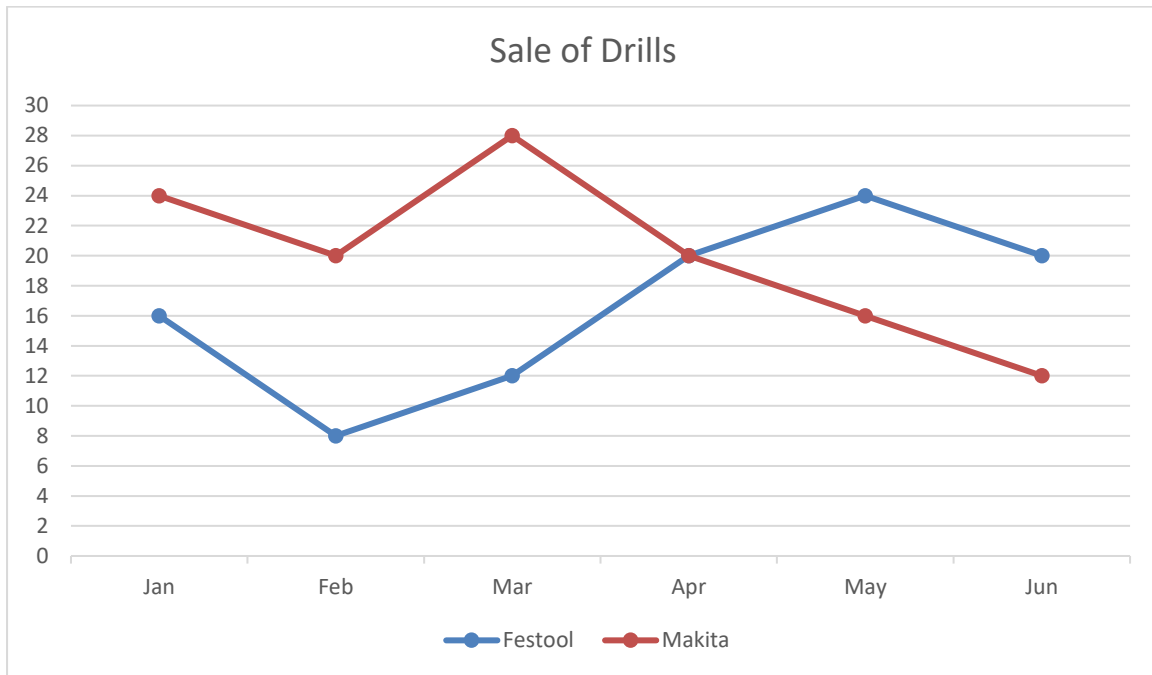
Q 2. The following trend graph gives the number of people employed in a certain construction company for 9 consecutive years from 2010 to 2019.



Use the graph to answer the following questions:

- (i) In which year was employment at its lowest?
- (ii) For how many years were the numbers of employed people at 350 or higher?
- (iii) Between which two years was there the greatest drop in numbers employed?
- (iv) Express the number employed in 2017 as a percentage of the employed in 2013.
- (v) How many years show a rise in the employed from the previous year?

Q. 3. The trend graph below shows the sales of two brands of drills Makita and Festool for six months in a Tool Shop.



Use the graph to answer the following questions:

- (i) How many Makita drills were sold in March?
- (ii) Find the total number of Festool drills sold in the six months.
- (iii) In which months were the sales of Makita drills higher than those of the Festool drills?
- (iv) Which month had the lowest combined sales of both drills?
- (v) If the profit on a Makita drill was €45 and the profit of a Festool drill was €50 calculate the profit made in May from the sale of these drills.

Q 4. The temperature in a sitting room was recorded every four hours during a 24hr period. The results are shown in the table below.

Draw a trend graph to represent this information.

Time	Midnight	4am	8am	Noon	4pm	8pm
Temp in °C	8°	4°	6°	10°	12°	16°