

# S074 Linegraphs and scattergraphs

2014/2015

- ① a) 5  
b) 5, 6
- ② a) 7  
b) white
- ③ a) £175.14  
b) £700  
c) November  
d) April, August
- ④ a) £2.5 million  
b) 2008  
c) profit increased
- ⑤ a) decreasing trend  
b) i) 13-17  
ii) No, outside the time period covered by data
- ⑥ a) i) 14500-15000  
ii) 12000-13000  
b) increasing trend  
c) there are always more people taking Physics, number of people taking Physics is increasing while the number of people taking French is decreasing, difference between the no. of people taking Physics and French is increasing
- ⑦ a) £470 billion  
b) i) trend line drawn  
ii) increasing trend  
c) outside the range, trend may not continue
- ⑧ a) i) 9.5  
ii) plotted point  
b) quarter 3  
c) decreasing trend, overseas visitor are decreasing as time goes by
- ⑨ a) point plotted  
b) positive  
c) 16-18
- ⑩ a) point plotted  
b) negative correlation  
c) line of best fit drawn  
d) 21-26
- ⑪ a) rain, measurement error  
b) positive  
c) 15-25  
d) data outside the range
- ⑫ a) point plotted  
b) positive  
c) 18-22  
d) 45
- ⑬ a) positive correlation  
b) 20  
c) 2  
d) trees grow approximately twice as fast on sandy soil
- ⑭ inconsistent horizontal scale, line of best fit is not suitable