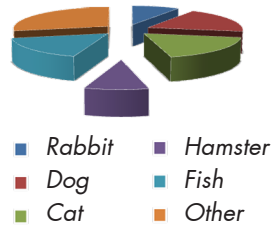


**1** The pie chart shows the proportion of types of pets owned by a sample of households in the UK.



Which statement below is NOT correct?

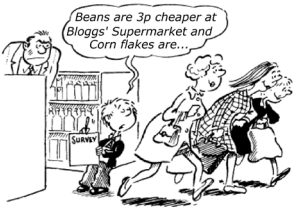
**A** A 3-D pie chart is easier to interpret than a 2-D pie chart

**B** It is good practice not to have more than 6 sectors

**C** It is difficult to compare sectors that have similar angles

**D** A bar chart is easier to interpret than a pie chart

**2** A successful shopkeeper always keeps stocked up with their most popular products. With this in mind, which average is sometimes called the 'shopkeeper's average'?



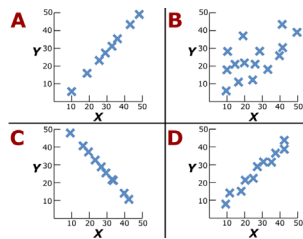
**A** The median

**B** The mean

**C** The range

**D** The mode

**3** Consider the four scatter graphs of variable Y plotted against variable X.



Which scatter graph shows the weakest correlation?

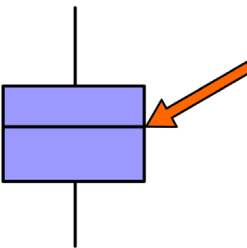
**A** A

**B** B

**C** C

**D** D

**4** Which measure on the boxplot is the arrow pointing to?



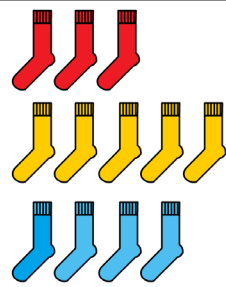
**A** The interquartile range

**B** The upper quartile

**C** The median

**D** The range

**5** Your sock drawer contains 5 yellow socks, 4 blue socks and 3 red socks. What is the least number of socks you must take from the drawer (with your eyes closed) to ensure you have a pair of socks the same colour?



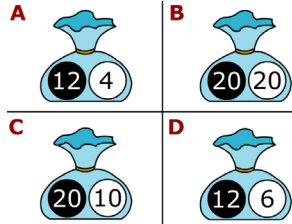
**A** 3

**B** 4

**C** 12

**D** 60

**6** There are four bags containing black and white balls, as shown opposite.



If you had to draw one ball without looking, which bag gives the best chance of getting a white ball?

**A** A

**B** B

**C** C

**D** D