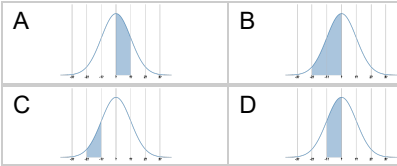


Statistics - Standard Deviation - Mean, SD and Range to Labelled Curve, One Section

1

Which normal curve has the correct region shaded for batteries between 55 and 60?

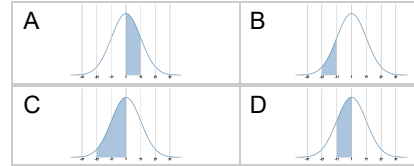
The battery lifetimes in hours are normally distributed with a mean of 60 and a standard deviation of 5. Show batteries between 55 and 60 on the graph.



2

Which normal curve has the correct region shaded for people between 160 and 170?

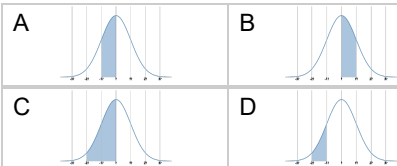
The adult heights in centimetres are normally distributed with a mean of 170 and a standard deviation of 10. Show people between 160 and 170 on the graph.



3

Which normal curve has the correct region shaded for days between 14 and 18?

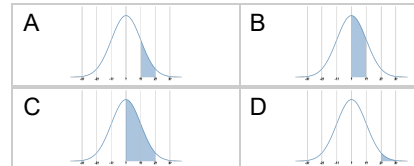
The daily high temperatures in degrees are normally distributed with a mean of 18 and a standard deviation of 4. Show days between 14 and 18 on the graph.



4

Which normal curve has the correct region shaded for people between 170 and 180?

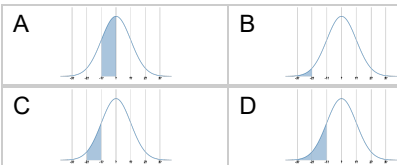
The adult heights in centimetres are normally distributed with a mean of 160 and a standard deviation of 10. Show people between 170 and 180 on the graph.



5

Which normal curve has the correct region shaded for days between 14 and 16?

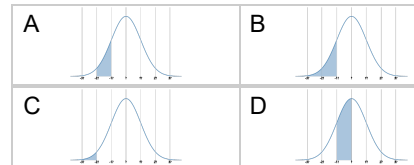
The daily high temperatures in degrees are normally distributed with a mean of 18 and a standard deviation of 2. Show days between 14 and 16 on the graph.



6

Which normal curve has the correct region shaded for days between 16 and 19?

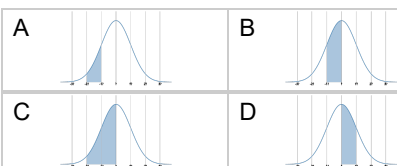
The daily high temperatures in degrees are normally distributed with a mean of 22 and a standard deviation of 3. Show days between 16 and 19 on the graph.



7

Which normal curve has the correct region shaded for batteries between 36 and 40?

The battery lifetimes in hours are normally distributed with a mean of 40 and a standard deviation of 4. Show batteries between 36 and 40 on the graph.



8

Which normal curve has the correct region shaded for people between 140 and 150?

The adult heights in centimetres are normally distributed with a mean of 160 and a standard deviation of 10. Show people between 140 and 150 on the graph.

