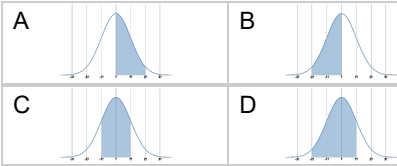


## Statistics - Standard Deviation - Mean, SD and Range to Labelled Curve, Two Sections

1

Which normal curve has the correct region shaded for batteries between 56 and 64?

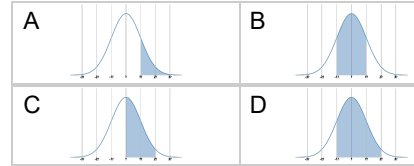
The battery lifetimes in hours are normally distributed with a mean of 60 and a standard deviation of 4. Show batteries between 56 and 64 on the graph.



2

Which normal curve has the correct region shaded for batteries between 60 and 70?

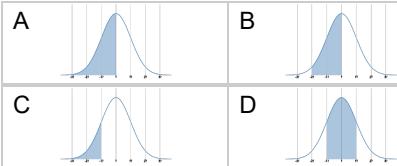
The battery lifetimes in hours are normally distributed with a mean of 60 and a standard deviation of 5. Show batteries between 60 and 70 on the graph.



3

Which normal curve has the correct region shaded for batteries between 50 and 60?

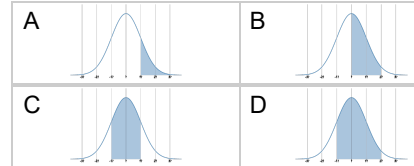
The battery lifetimes in hours are normally distributed with a mean of 60 and a standard deviation of 5. Show batteries between 50 and 60 on the graph.



4

Which normal curve has the correct region shaded for days between 20 and 28?

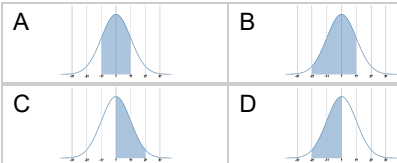
The daily high temperatures in degrees are normally distributed with a mean of 20 and a standard deviation of 4. Show days between 20 and 28 on the graph.



5

Which normal curve has the correct region shaded for people between 162 and 178?

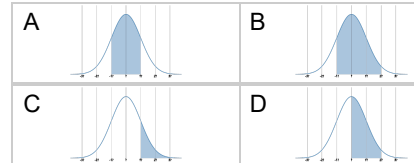
The adult heights in centimetres are normally distributed with a mean of 170 and a standard deviation of 8. Show people between 162 and 178 on the graph.



6

Which normal curve has the correct region shaded for batteries between 50 and 60?

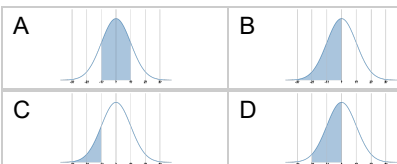
The battery lifetimes in hours are normally distributed with a mean of 50 and a standard deviation of 5. Show batteries between 50 and 60 on the graph.



7

Which normal curve has the correct region shaded for days between 14 and 20?

The daily high temperatures in degrees are normally distributed with a mean of 20 and a standard deviation of 3. Show days between 14 and 20 on the graph.



8

Which normal curve has the correct region shaded for days between 22 and 26?

The daily high temperatures in degrees are normally distributed with a mean of 22 and a standard deviation of 2. Show days between 22 and 26 on the graph.

