**Types of Graphs**

**Simple Graph** – A graph that does NOT contain any loops or double lines

A

B

C

D

E

A

B

C

A

B

C

A

B

C

Not Simple Simple Not Simple Simple

**Connected Graph** – A graph where all of the vertices are accessible by travelling along an edge or edges

B

C

A

D

A

B

C

D

E

A

B

C

D

E

Connected Connected Not Connected

**Complete Graph** – A graph where **all** the vertices of the graph are DIRECTLY connected to every other vertex

A

B

C

D

E

A

B

C

D

A

B

C

Complete Complete Not Complete