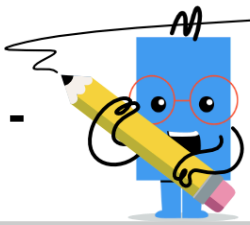
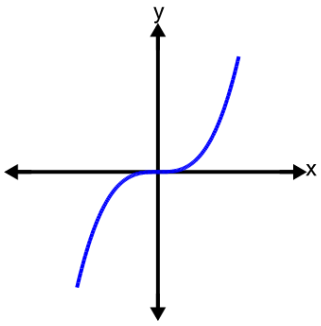
Name

Function End Behaviour (Polynomials) - Graph to Power and Coefficient



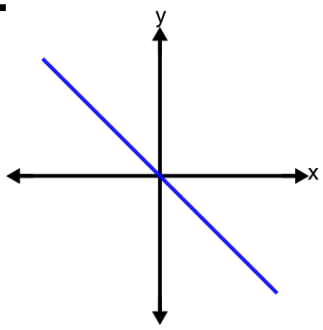
1



Which highest power and leading coefficient would create a graph with this end behaviour?

A	B
highest power $= 3$ leading coefficient $= 5$	highest power $= 3$ leading coefficient $= -5$

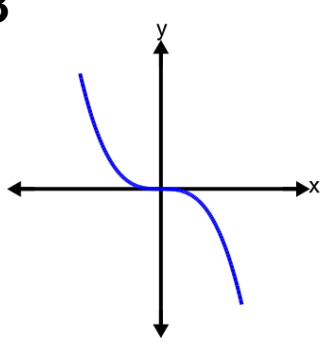
2



Which highest power and leading coefficient would create a graph with this end behaviour?

A	B
highest power $= 1$ leading coefficient $= -3$	highest power $= 1$ leading coefficient $= 3$

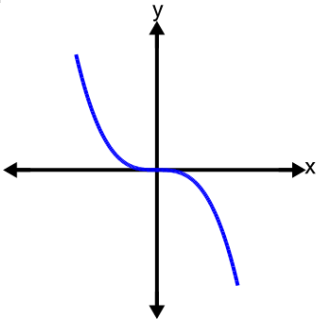
3



Which highest power and leading coefficient would create a graph with this end behaviour?

A	B
highest power $= 3$ leading coefficient $= -4$	highest power $= 3$ leading coefficient $= 4$

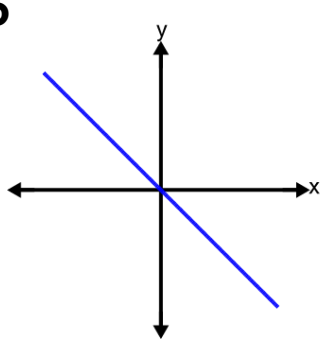
4



Which highest power and leading coefficient would create a graph with this end behaviour?

A	B
highest power $= 3$ leading coefficient $= -3$	highest power $= 3$ leading coefficient $= 3$

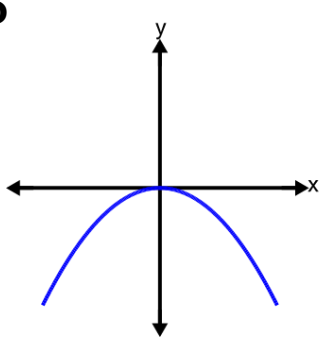
5



Which highest power and leading coefficient would create a graph with this end behaviour?

A	B
highest power $= 1$ leading coefficient $= 5$	highest power $= 1$ leading coefficient $= -5$

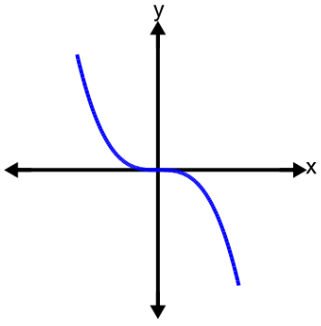
6



Which highest power and leading coefficient would create a graph with this end behaviour?

A	B
highest power $= 3$ leading coefficient $= -5$	highest power $= 2$ leading coefficient $= -5$

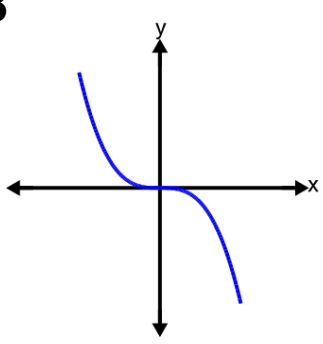
7



Which highest power and leading coefficient would create a graph with this end behaviour?

A	B
highest power $= 4$ leading coefficient $= -2$	highest power $= 3$ leading coefficient $= -2$

8



Which highest power and leading coefficient would create a graph with this end behaviour?

A	B
highest power $= 2$ leading coefficient $= -4$	highest power $= 3$ leading coefficient $= -4$