



## Function End Behaviour (Polynomials) - Power and Coefficient to Rule

**1**

How would this highest power and leading coefficient be described when analyzing end behaviour?

highest power = 3

leading coefficient = -2

A highest power = odd leading coefficient = positive
B highest power = odd leading coefficient = negative

**2**

How would this highest power and leading coefficient be described when analyzing end behaviour?

highest power = 5

leading coefficient = 5

A highest power = odd leading coefficient = positive
B highest power = even leading coefficient = positive

**3**

How would this highest power and leading coefficient be described when analyzing end behaviour?

highest power = 1

leading coefficient = -3

A highest power = even leading coefficient = negative
B highest power = odd leading coefficient = negative

**4**

How would this highest power and leading coefficient be described when analyzing end behaviour?

highest power = 3

leading coefficient = 3

A highest power = odd leading coefficient = negative
B highest power = odd leading coefficient = positive

**5**

How would this highest power and leading coefficient be described when analyzing end behaviour?

highest power = 7

leading coefficient = 5

A highest power = odd leading coefficient = positive
B highest power = odd leading coefficient = negative

**6**

How would this highest power and leading coefficient be described when analyzing end behaviour?

highest power = 4

leading coefficient = -5

A highest power = even leading coefficient = positive
B highest power = even leading coefficient = negative

**7**

How would this highest power and leading coefficient be described when analyzing end behaviour?

highest power = 3

leading coefficient = 5

A highest power = even leading coefficient = positive
B highest power = odd leading coefficient = positive

**8**

How would this highest power and leading coefficient be described when analyzing end behaviour?

highest power = 4

leading coefficient = -2

A highest power = even leading coefficient = negative
B highest power = odd leading coefficient = negative