Name

Function End Behaviour (Polynomials) - Function to Rule

1 What end behaviour criteria is correct for this function?

$$f(x) = 2x^3 - 5x^2 - 5x$$

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

2 What end behaviour criteria is correct for this function?

$$f(x) = 3x^2 - 5x - 5$$

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

3 What end behaviour criteria is correct for this function?

$$f(x) = -2x^2 + 4x + 4$$

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

4 What end behaviour criteria is correct for this function?

$$f(x) = 3x^2 - 2x - 2$$

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

5 What end behaviour criteria is correct for this function?

$$f(x) = 5x^6 - 3x^5 - 3x^4$$

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

6

$$f(x) = 3x + 5$$

What end behaviour criteria is correct for this function?

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

7

$$f(x) = -2x - 2$$

What end behaviour criteria is correct for this function?

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

8 What end behaviour criteria is correct for this function?

$$f(x) = 2x^2 + 4x + 4$$

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