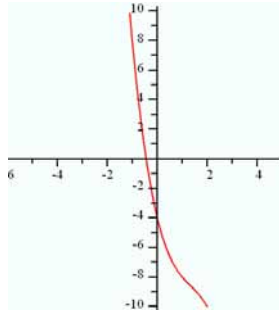


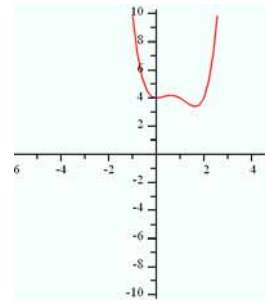
Quiz:

Graphs of Polynomial Equations of Higher Degree

1



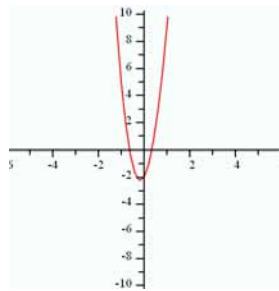
2



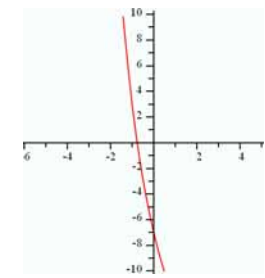
Number of real roots of this equation : $-2x^3 - 5x^2 + 3x - 2 = 0$

What are the zeroes of the polynomial function ? $p(x) = x^3 - 4x^2 + 5x - 3 = 0$

3



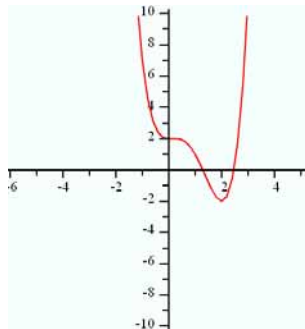
4



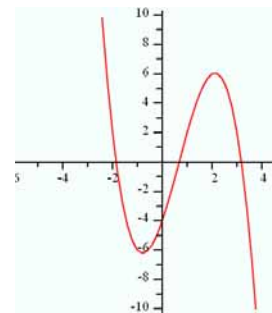
Use graph to estimate the solution to the equation $4x^4 - 4x^3 - 7x^2 - 4x - 9 = 0$

Number of real roots of this equation : $x^4 + 2x^3 - 13x^2 + 2x + 1 = 0$

5



6



what are the zeroes of the polynomial function?
 $P(x) = 3x^4 - 5x^3 + 2x^2 - 3x + 6 = 0$

Use graph to estimate the solution to the equation -
 $x^3 + 5x^2 + 9x = 0$

7 Find the roots of this equation to the nearest tenth: $25x^4 - 225x^2 + 625 = 0$

8 Find the roots of this equation to the nearest tenth: $9x^4 - 64x^2 + 196 = 0$

9 Find the roots of this equation to the nearest tenth: $36x^4 - 324x^2 + 484 = 0$

10 Find the roots of this equation to the nearest tenth: $64x^4 - 256x^2 + 676 = 0$

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%