

Quiz: Polynomial Equations of Higher Degree

1 Solve the equation:  
 $x^5 - 12x^3 + 35 = 0$

2 Find the zeroes of the function:  
 $(x^2 + 32)(x + 7) = 0$

3 Solve the equation:  
 $x^4 - 32x^2 + 175 = 0$

4 Find the zeroes of the function:  
 $x^5 - 52x^3 + 147x = 0$

5 Solve the equation:  
 $(2x^2 - 3x - 2)(x^2 - 64) = 0$

6 Find the roots of the equation:  
 $x^4 = 39x^2 - 108$

7 Solve the equation:  
 $x^5 - 17x^3 + 72 = 0$

8 Find the zeroes of the function:  
 $(x^2 + 48)(x + 6) = 0$

9 Solve the equation:  
 $x^4 - 16x^2 + 63 = 0$

10 Find the zeroes of the function:  
 $x^5 - 38x^3 + 72x = 0$

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%