

POLYNOMIAL EQUATIONS - ANSWER KEY

(01).	$(25x^2 - 16)(x^2 - 169) = 0$	$\frac{4}{5}$	$-\frac{4}{5}$	$\frac{1}{13}$	$-\frac{1}{13}$
(02).	$(x^2 - 25)(x^2 + 5x + 6) = 0$	5	-5	-3	-2
(03).	$9x^2 = 1 - 2x$	$-\frac{1}{9} + \frac{\sqrt{10}}{9}$	$-\frac{1}{9} - \frac{\sqrt{10}}{9}$		
(04).	$4x^2 = 5x - 1$	1	0.25		
(05).	$x^2 + 6x + 5 = 0$	-5	-1		
(06).	$-2x^2 = 7x + 3$	-3	-0.5	$\frac{1}{2}$	
(07).	$3x^2 + 7 = 10x$	1	$2\frac{1}{3}$		
(08).	$3x^2 + 4x = 2$	$-1 + \sqrt{2}$	$-1 - \sqrt{2}$		
(09).	$x + 2 = 15x^2$	0.4	$-\frac{1}{3}$		
(10).	$\frac{5x^2 + 15x - 13}{12x + 10 - \frac{15}{x}} = x$	1	$-\frac{2}{7}$		