

## Quadratic Equation

ES1

Form the quadratic equation from the given roots.

1)  $x = \pm 3$

2)  $z = \frac{4}{5} ; z = -2$

3)  $p = 9 ; p = -2$        $n = -\frac{1}{3}$

5)  $k = \frac{1}{3} ; k = -4$

7)  $y = -6 ; y = -\frac{7}{2}$

9)  $q = \frac{2}{7} ; q = 6$

10)  $m = 4 ; m = -3$

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**Quadratic Equation**

ES1

Form the quadratic equation from the given roots.

1)  $x = \pm 3$

$x^2 - 9 = 0$

2)  $z = \frac{4}{5} ; z = -2$

$5z^2 + 6z - 8 = 0$

3)  $p = 9 ; p = -2$

$p^2 - p - 7 = 0$

4)  $n = -\frac{1}{3} ; n = 2$

$n^2 - 2 = 0$

5)  $k = \frac{1}{3} ; k = -4$

$6k^2 - 23k + 4 = 0$

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7)  $y = -6 ; y = -\frac{7}{2}$

$y^2 + 7y + 6 = 0$

$y^2 - 4 = 0$

9)  $q = \frac{2}{7} ; q = 6$

$7q^2 - 44q + 12 = 0$

10)  $m = 4 ; m = -3$

$m^2 - m - 12 = 0$