Missing Roots

Name _____

Score _____

RQ:17

1) Find the other root, if one of the roots of the equation $3y^2 + py + 6 = 0$ is -3.

_____

2) If one of the roots of the equation $h^2 - 36 = 0$ is 6, then find the other root.

_____

3) If one of the roots of the equation $x^2 - 11x + k = 0$ is 5, then find the value of k.

_____

4) If one of the roots of the equation $2u^2 + 9u + t = 0$ is $-\frac{1}{2}$, then find the other root.

_____

5) If -8 is root of the equation $m^2 + qm - 32 = 0$, then find the value of variable q.

_____

Missing Roots

Answer key

Name _____

Score _____

RQ:17

1) Find the other root, if one of the roots of the equation $3y^2 + py + 6 = 0$ is -3.

$y = -\frac{2}{3}$

2) If one of the roots of the equation $h^2 - 36 = 0$ is 6, then find the other root.

$h = -6$

3) If one of the roots of the equation $x^2 - 11x + k = 0$ is 5, then find the value of k.

$k = 30$

4) If one of the roots of the equation $2u^2 + 9u + t = 0$ is $-\frac{1}{2}$, then find the other root.

$u = -4$

5) If -8 is root of the equation $m^2 + qm - 32 = 0$, then find the value of variable q.

$q = 4$