

Name : _____

Square Root Property

L1S2

Solve each quadratic equation by using square root property.

1) $(u + 3)^2 = 25$

2) $x^2 + 9 = 0$

3) $m^2 = 81$

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5) $d^2 + 45 =$

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7) $t^2 = -100$

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9) $k^2 - 3 = 0$

10) $(n + 5)^2 = 4$

Name : _____

Answer key

Square Root Property

L1S2

Solve each quadratic equation by using square root property.

1) $(u + 3)^2 = 25$

2) $x^2 + 9 = 0$

$u = -8 ; u = 2$

$x = \pm 3i$

3) $m^2 = 81$

PREVIEW

$m = \pm 9$

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5) $d^2 + 45 =$

$d = \pm 3\sqrt{5}$

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7) $t^2 = -100$

$t = \pm 10i$

$w = 2 ; w = 10$

9) $k^2 - 3 = 0$

10) $(n + 5)^2 = 4$

$k = \pm \sqrt{3}$

$n = -7 ; n = -3$