

Name : _____

Square Root Property

L1S3

Solve each quadratic equation by using square root property.

1) $d^2 + 18 = 0$

2) $(r - 2)^2 = 81$

3) $(s - 5)^2 =$

5) $t^2 = -80$

7) $(v + 4)^2 =$

9) $x^2 + 32 = 0$

10) $(p + 5)^2 = -16$

PREVIEW

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Answer key

Square Root Property

L1S3

Solve each quadratic equation by using square root property.

1) $d^2 + 18 = 0$

2) $(r - 2)^2 = 81$

$d = \pm 3\sqrt{2}i$

$r = -7; r = 11$

3) $(s - 5)^2 =$

PREVIEW

$s = 3; s =$

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5) $t^2 = -80$

$t = \pm 4\sqrt{5}$

7) $(v + 4)^2 =$

$v = -12; v = 4$

$h = \pm 2\sqrt{7}$

9) $x^2 + 32 = 0$

10) $(p + 5)^2 = -16$

$x = \pm 4\sqrt{2}i$

$p = -5 \pm 4i$

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