

Name : _____

Square Root Property

L2S2

Solve each quadratic equation by using square root property.

1) $q^2 + 13q + 100 = 20 - 7q$ 2) $n^2 - 45 = 18$

3) $\frac{x - 18}{16} =$

PREVIEW

-16

Gain complete access to the largest
collection of worksheets in all subjects!

Members, please
log in to
download this
worksheet.

Not a member?
Please sign up to
gain complete
access.

5) $(u - 9)^2 =$

$= -\frac{1}{9}$

www.mathworksheets4kids.com

7) $\frac{p - 6}{4} = \frac{3}{p - 6}$

8) $s^2 + 60 = -21$

Name : _____

Answer key

Square Root Property

L2S2

Solve each quadratic equation by using square root property.

1) $q^2 + 13q + 100 = 20 - 7q$ 2) $n^2 - 45 = 18$

$q = -10 \pm 2\sqrt{7}$

$n = \pm 3\sqrt{7}$

3) $\frac{x-18}{16} =$

PREVIEW

-16

Gain complete access to the largest collection of worksheets in all subjects!

$x = \pm 6$

i

5) $(u-9)^2 =$

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

$= -\frac{1}{9}$

$u = 9 \pm 4$

www.mathworksheets4kids.com

7) $\frac{p-6}{4} = \frac{3}{p-6}$

8) $s^2 + 60 = -21$

$p = 6 \pm 2\sqrt{3}$

$s = \pm 9i$