

Name : _____

Score : _____

Teacher : _____

Date : _____

Solve Quadratics by Taking the Square Root

Find the value of the variable. Round to the nearest hundredth if necessary.

1) $b^2 - 2 = 79$

6) $g^2 + 7 = 23$

2) $s^2 = 100$

7) $w^2 = 100$

3) $4d^2 - 4 = 36$

8) $3s^2 + 4 = 94$

4) $s^2 + 2 = 22$

9) $q^2 = 40$

5) $q^2 = 18$

10) $8q^2 - 3 = 141$



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Solve Quadratics by Taking the Square Root

Find the value of the variable. Round to the nearest hundredth if necessary.

1) $b^2 - 2 = 79$

{9,-9}

6) $g^2 + 7 = 23$

{4,-4}

2) $s^2 = 100$

{10,-10}

7) $w^2 = 100$

{10,-10}

3) $4d^2 - 4 = 36$

{3.16,-3.16}

8) $3s^2 + 4 = 94$

{5.48,-5.48}

4) $s^2 + 2 = 22$

{4.47,-4.47}

9) $q^2 = 40$

{6.32,-6.32}

5) $q^2 = 18$

{4.24,-4.24}

10) $8q^2 - 3 = 141$

{4.24,-4.24}

