



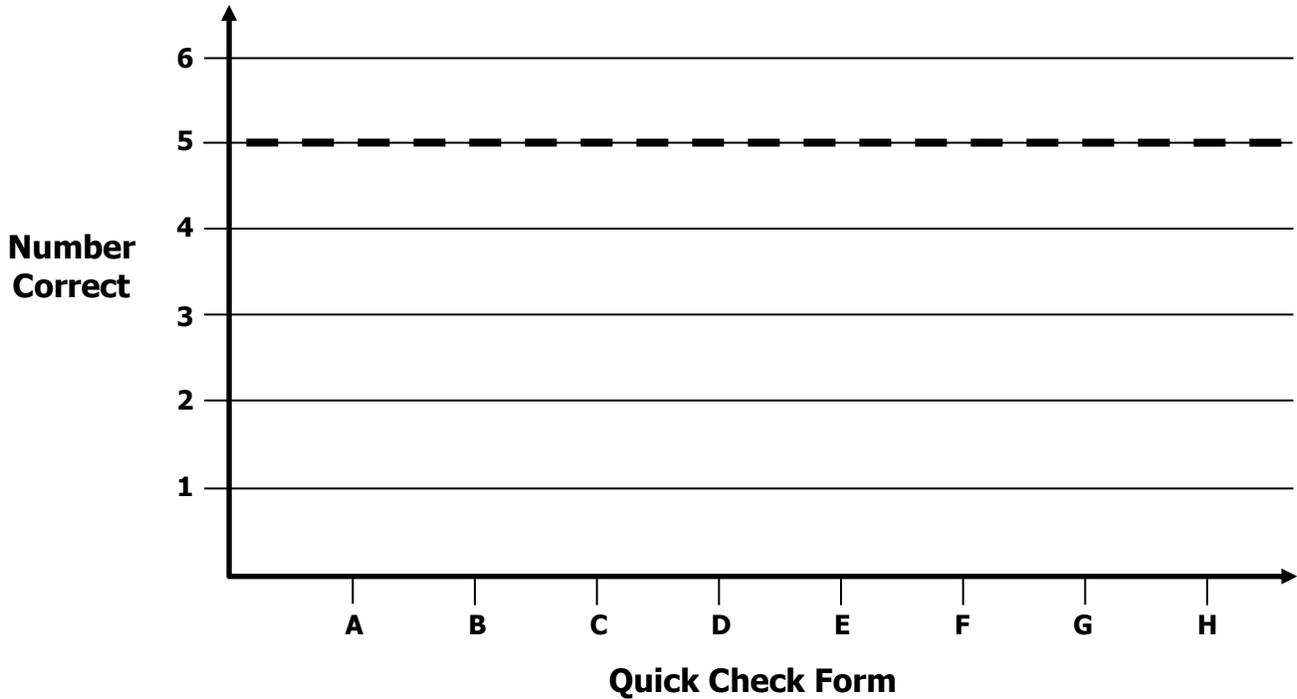
Algebra 1 Growth Chart

Readiness Standard 5 - 8.EE.2

Name _____

Learning Target: I will solve non-linear equations using square roots and cube roots.

Goal: 5 out of 6 correct



Intervention Notes	Date	Score



Algebra 1 Quick Check – Form A

Readiness Standard 5 - 8.EE.2

Name _____ Date _____

Learning Target: I will solve non-linear equations using square roots and cube roots.

Directions: Circle the solution to each equation. (Work time: 3 minutes)

<p>1.</p> $x^2 = 9$ <p>± 9 81 ± 3 4.5</p>	<p>2.</p> $x^2 = 36$ <p>6 72 ± 6 18</p>
<p>3.</p> $x^3 = 125$ <p>± 5 -5 5 375</p>	<p>4.</p> $x^3 = -27$ <p>3 ± 3 -3 -9</p>
<p>5.</p> $x^2 = \frac{16}{36}$ <p>$-\frac{4}{6}$ $\frac{4}{6}$ $\pm \frac{4}{6}$ $\pm \frac{8}{18}$</p>	<p>6.</p> $x^2 = \frac{81}{49}$ <p>$\frac{9}{49}$ $\frac{9}{7}$ $\pm \frac{9}{7}$ $\pm \frac{9}{49}$</p>



Algebra 1 Quick Check – Form B

Readiness Standard 5 - 8.EE.2

Name _____ Date _____

Learning Target: I will solve non-linear equations using square roots and cube roots.

Directions: Circle the solution to each equation. (Work time: 3 minutes)

<p>1.</p> $x^2 = 100$ <p>± 100 $10,000$ ± 10 50</p>	<p>2.</p> $x^2 = 25$ <p>± 5 50 5 ± 50</p>
<p>3.</p> $x^3 = -8$ <p>± 24 -2 ± 2 -24</p>	<p>4.</p> $x^3 = 216$ <p>6 -6 ± 6 72</p>
<p>5.</p> $x^2 = \frac{64}{25}$ <p>$-\frac{8}{25}$ $\pm \frac{8}{5}$ $\frac{8}{5}$ $\pm \frac{32}{12.5}$</p>	<p>6.</p> $x^2 = \frac{9}{36}$ <p>$\pm \frac{3}{36}$ $\frac{3}{18}$ $\pm \frac{3}{6}$ $\frac{3}{6}$</p>



Algebra 1 Quick Check – Form C

Readiness Standard 5 - 8.EE.2

Name _____ Date _____

Learning Target: I will solve non-linear equations using square roots and cube roots.

Directions: Circle the solution to each equation. (Work time: 3 minutes)

<p>1.</p> $x^2 = 16$ <p>± 4 8 4 ± 8</p>	<p>2.</p> $x^2 = 64$ <p>-8 ± 32 ± 8 128</p>
<p>3.</p> $x^3 = 27$ <p>3 ± 3 ± 9 81</p>	<p>4.</p> $x^3 = -64$ <p>192 -4 4 ± 4</p>
<p>5.</p> $x^2 = \frac{49}{100}$ <p>$\frac{7}{100}$ $\frac{7}{10}$ $\pm \frac{7}{100}$ $\pm \frac{7}{10}$</p>	<p>6.</p> $x^2 = \frac{36}{16}$ <p>$\frac{18}{8}$ $\pm \frac{6}{16}$ $\pm \frac{6}{4}$ $\frac{6}{4}$</p>



Algebra 1 Quick Check – Form D

Readiness Standard 5 - 8.EE.2

Name _____ Date _____

Learning Target: I will solve non-linear equations using square roots and cube roots.

Directions: Circle the solution to each equation. (Work time: 3 minutes)

<p>1.</p> $x^2 = 49$ <p>± 7 98 -7 ± 98</p>	<p>2.</p> $x^2 = 81$ <p>± 162 -9 ± 9 162</p>
<p>3.</p> $x^3 = -216$ <p>6 -6 ± 6 -72</p>	<p>4.</p> $x^3 = 8$ <p>2 ± 2 24 ± 24</p>
<p>5.</p> $x^2 = \frac{25}{16}$ <p>$\frac{5}{8}$ $\frac{5}{4}$ $\pm \frac{5}{4}$ $\pm \frac{5}{16}$</p>	<p>6.</p> $x^2 = \frac{64}{81}$ <p>$\frac{8}{9}$ $\pm \frac{8}{9}$ $\pm \frac{32}{81}$ $\frac{8}{81}$</p>



Algebra 1 Quick Check – Form E

Readiness Standard 5 - 8.EE.2

Name _____ Date _____

Learning Target: I will solve non-linear equations using square roots and cube roots.

Directions: Circle the solution to each equation. (Work time: 3 minutes)

<p>1.</p> $x^2 = 9$ <p>± 9 81 ± 3 4.5</p>	<p>2.</p> $x^2 = 36$ <p>6 72 ± 6 18</p>
<p>3.</p> $x^3 = 125$ <p>± 5 -5 5 375</p>	<p>4.</p> $x^3 = -27$ <p>3 ± 3 -3 -9</p>
<p>5.</p> $x^2 = \frac{16}{36}$ <p>$-\frac{4}{6}$ $\frac{4}{6}$ $\pm \frac{4}{6}$ $\pm \frac{8}{18}$</p>	<p>6.</p> $x^2 = \frac{81}{49}$ <p>$\frac{9}{49}$ $\frac{9}{7}$ $\pm \frac{9}{7}$ $\pm \frac{9}{49}$</p>



Algebra 1 Quick Check – Form F

Readiness Standard 5 - 8.EE.2

Name _____ Date _____

Learning Target: I will solve non-linear equations using square roots and cube roots.

Directions: Circle the solution to each equation. (Work time: 3 minutes)

<p>1.</p> $x^2 = 100$ <p>± 100 $10,000$ ± 10 50</p>	<p>2.</p> $x^2 = 25$ <p>± 5 50 5 ± 50</p>
<p>3.</p> $x^3 = -8$ <p>± 24 -2 ± 2 -24</p>	<p>4.</p> $x^3 = 216$ <p>6 -6 ± 6 72</p>
<p>5.</p> $x^2 = \frac{64}{25}$ <p>$-\frac{8}{25}$ $\pm \frac{8}{5}$ $\frac{8}{5}$ $\pm \frac{32}{12.5}$</p>	<p>6.</p> $x^2 = \frac{9}{36}$ <p>$\pm \frac{3}{36}$ $\frac{3}{18}$ $\pm \frac{3}{6}$ $\frac{3}{6}$</p>



Algebra 1 Quick Check – Form G

Readiness Standard 5 - 8.EE.2

Name _____ Date _____

Learning Target: I will solve non-linear equations using square roots and cube roots.

Directions: Circle the solution to each equation. (Work time: 3 minutes)

<p>1.</p> $x^2 = 16$ <p>± 4 8 4 ± 8</p>	<p>2.</p> $x^2 = 64$ <p>-8 ± 32 ± 8 128</p>
<p>3.</p> $x^3 = 27$ <p>3 ± 3 ± 9 81</p>	<p>4.</p> $x^3 = -64$ <p>192 -4 4 ± 4</p>
<p>5.</p> $x^2 = \frac{49}{100}$ <p>$\frac{7}{100}$ $\frac{7}{10}$ $\pm \frac{7}{100}$ $\pm \frac{7}{10}$</p>	<p>6.</p> $x^2 = \frac{36}{16}$ <p>$\frac{18}{8}$ $\pm \frac{6}{16}$ $\pm \frac{6}{4}$ $\frac{6}{4}$</p>



Algebra 1 Quick Check – Form H

Readiness Standard 5 - 8.EE.2

Name _____ Date _____

Learning Target: I will solve non-linear equations using square roots and cube roots.

Directions: Circle the solution to each equation. (Work time: 3 minutes)

<p>1.</p> $x^2 = 49$ <p>± 7 98 -7 ± 98</p>	<p>2.</p> $x^2 = 81$ <p>± 162 -9 ± 9 162</p>
<p>3.</p> $x^3 = -216$ <p>6 -6 ± 6 -72</p>	<p>4.</p> $x^3 = 8$ <p>2 ± 2 24 ± 24</p>
<p>5.</p> $x^2 = \frac{25}{16}$ <p>$\frac{5}{8}$ $\frac{5}{4}$ $\pm \frac{5}{4}$ $\pm \frac{5}{16}$</p>	<p>6.</p> $x^2 = \frac{64}{81}$ <p>$\frac{8}{9}$ $\pm \frac{8}{9}$ $\pm \frac{32}{81}$ $\frac{8}{81}$</p>