


Evaluation and Approximation of Square and Cube Roots

Directions: Find the correct answer. Use your answer to navigate through the maze. Show your work.

START $\sqrt{225} =$	Which number is closest to the value of $\sqrt[3]{18}$?	$\sqrt[3]{100} =$	Which number is closest to the value of $\sqrt[3]{512}$?
± 6	± 15	2.6..	4.6 ...
48	10.5..	14.6	512
Which of the following is a perfect square?	What is the approximate value of $\sqrt{111}$?	Which of the following is not a perfect cube?	Which of the following is not a perfect cube?
28	144	64	8
441	225	-11	90
196	126	216	
Which of the following is not a perfect square?	Which of the following is a perfect cube?	$\sqrt[3]{(-1,331)} =$	$\sqrt[3]{729} =$
624	625	11	
121	27	± 26	9
324	49	12	
$\sqrt{900} =$	$\sqrt[3]{216} =$	$\sqrt{676} =$	
± 30	6	14	