


## Comparing and Ordering Irrational Numbers on a Number Line

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

<b>START</b> $\sqrt{33} \approx$	$\sqrt{122} \approx$	What is the approximate value of $\sqrt{101}$ ?	Which number is closest to the value of $\sqrt{18}$ ?
6	5	11	9
-4	15	14.6	12
Which number is closest to the value of $-3\sqrt{6}$ ?	What is the approximate value of $\sqrt{213}$ ?	Which of the following number is less than $\sqrt{99}$ ?	What is the approximate value of $\sqrt[3]{81}$ ?
-18	14	9	9
-7	3	3.5	9.9
11	9.7	4.3	11
Which number is closest to the value of $2\sqrt{2}$ ?	Which of the following number is less than $\sqrt{14}$ ?	$-\sqrt{145} \approx$	$\sqrt[3]{-216}$
4	3.8	6	6
3	2	5	4.8
-12	12	-6	-6
Which of the following number is greater than $\sqrt{12}$ ?	$1.5\pi \approx$	$\sqrt{216}$	Good Job!  The End
4	3	14	