

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.

The maze consists of several paths leading to different math problems. The correct path is highlighted in yellow. The problems and their solutions are as follows:

- START:** $\sqrt{33} \approx$ (Answer: 6)
- Problem 1:** Which number is closest to the value of $-3\sqrt{6}$? (Answer: -7)
- Problem 2:** Which number is closest to the value of $2\sqrt{2}$? (Answer: 3)
- Problem 3:** Which of the following number is greater than $\sqrt{12}$? (Answer: 4)
- Problem 4:** Which number is closest to the value of $\sqrt{122}$? (Answer: 11)
- Problem 5:** What is the approximate value of $\sqrt{101}$? (Answer: 10)
- Problem 6:** Which of the following number is less than $\sqrt{99}$? (Answer: 9)
- Problem 7:** Which of the following number is less than $\sqrt{14}$? (Answer: 5)
- Problem 8:** Which of the following number is less than $\sqrt{213}$? (Answer: 14)
- Problem 9:** Which of the following number is less than $\sqrt{99}$? (Answer: 11)
- Problem 10:** What is the approximate value of $\sqrt{18}$? (Answer: 4.3)
- Problem 11:** What is the approximate value of $\sqrt{145}$? (Answer: -12)
- Problem 12:** What is the approximate value of $\sqrt[3]{81}$? (Answer: 4.3)
- Problem 13:** What is the approximate value of $\sqrt[3]{-216}$? (Answer: -6)
- Problem 14:** What is the approximate value of 1.5π ? (Answer: 4.8)
- Problem 15:** What is the approximate value of $\sqrt{216}$? (Answer: 14)

The path ends at a box with a thumbs up icon and the text "Good Job! The End".