

## LESSON 5: Identify, Compare and Order Irrational Numbers

## Homework

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**Name** \_\_\_\_\_ **Date** \_\_\_\_\_

**Directions:** Complete Questions 1- 10 about identifying, comparing and ordering rational numbers.

1. How can we find the rational approximation of  $\sqrt{20}$ ?

2. What is the rational approximation of  $\sqrt{20}$ ?

For Questions 3 – 6, identify the rational approximation for each irrational value. Then, plot all rational approximations on the number line below.

3.  $\sqrt{48} \approx$

4.  $\sqrt{37} \approx$

5.  $\sqrt{67} \approx$

6.  $\sqrt{50} \approx$



For Questions 7 – 10, use  $<$  or  $>$  in the circles to correctly complete the comparisons.

7.  $\sqrt{34} \bigcirc 6.01$

8.  $\sqrt{40} \bigcirc 5\frac{3}{4}$

9.  $\sqrt{30} \bigcirc 5.49$

10.  $\sqrt{91} \bigcirc 9\frac{1}{10}$