Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Sect \_\_\_\_\_\_\_\_\_

Irrational Numbers:

<, >, or =

$\sqrt{20}$ \_\_\_\_\_\_ 4 $\sqrt{64} $\_\_\_\_\_\_\_\_ 8 11 \_\_\_\_\_\_ $\sqrt{110} $

6 \_\_\_\_\_\_\_ $\sqrt{35.6} $ $\frac{2}{3} $\_\_\_\_\_\_\_\_ $\sqrt{\frac{4}{9}} $ $\sqrt{1}$ \_\_\_\_\_\_\_\_ .998

Place the following numbers in order from least to greatest:

$$\frac{7}{8} , \sqrt{49}, 2.5 , \sqrt{64} , 7.5 , \sqrt{55} , 6.5, 8.5 , \sqrt{\frac{47}{64}} $$

Plot the approximate location of each irrational number on the number line:

.823789250276 …

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

$\sqrt{108} $

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

$\sqrt{3} $

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

$\sqrt{75} $

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20