Unit 7 Lesson 5 – Comparing & Ordering Irrational Numbers

Compare the following numbers using < or >.

1.) $\sqrt{32}$ 5.1

2.) $\sqrt{38}$ $\sqrt{42}$

3.) $\sqrt{17}$ $\frac{9}{2}$

4.) $\sqrt{49}$ 7.1

5.) $\sqrt{99}$ $\frac{28}{3}$

6.) $\sqrt{17}$ 4.5

7.) $\frac{43}{5}$ $\sqrt{65}$

8.) $\sqrt{12}$ $\sqrt{21}$

9.) $\sqrt{16}$ 3.9

10.) $\sqrt{2}$ $\frac{7}{4}$

List the following numbers in order from least to greatest.

11.) $\sqrt{16}$, 4.2, $\frac{39}{8}$

12.) $\sqrt{24}$, $\sqrt{33}$, 5.1

13.) $\sqrt{110}$, $\sqrt{100}$, $\frac{32}{7}$

14.) 9.4, $\frac{19}{2}$, $\sqrt{80}$

15.) $\sqrt{49}$, $\sqrt{63}$, 7.3, $\sqrt{38}$, $\frac{15}{2}$