Unit 7 Lesson 1 – Square Roots & Cube Roots

1.) What two whole numbers does $\sqrt{147}$ fall between?

2.) What is $\sqrt{8}$ to the nearest hundredth?

3.) What is $\sqrt[3]{-154}$ to the nearest tenth?

4.) What two whole numbers does $\sqrt{59}$ fall between?

5.) What is $\sqrt{150}$ to the nearest thousandth?

6.) What two whole numbers does $\sqrt[3]{627}$ fall between?

7.) What is $\sqrt[3]{32} $to the nearest tenth?

8.) What two whole numbers does $\sqrt{17}$ fall between?

9.) What is $\sqrt[3]{-201}$ to the nearest hundredth?

10.) What is $\sqrt{105}$ to the nearest tenth?

11.) What two whole numbers does $\sqrt[3]{-25}$ fall between?

12.) What is $\sqrt[3]{107} $to the nearest thousandth?

13.) What is $\sqrt{92}$ to the nearest hundredth?

14.) What is $\sqrt[3]{-319}$ to the nearest tenth?

15.) What two whole number does $\sqrt{221}$ fall between?

16.) What is $\sqrt{45}$ to the nearest hundredth?

17.) What is $\sqrt[3]{24}$ to the nearest thousandth?

18.) What two whole numbers does $\sqrt[3]{79}$ fall between?

Place the following list of numbers in their approximate locations on a number line.

19.) $\sqrt{32}$, $\sqrt{12}$, $\sqrt{27}$, $\sqrt{18}$, $\sqrt{23}$, $\sqrt{50}$

Place the following list of numbers in their approximate locations on a number line.

20.) $\sqrt[3]{82}$, $\sqrt[3]{23}$, $\sqrt[3]{59}$, $\sqrt[3]{7}$, $\sqrt[3]{150}$, $\sqrt[3]{31}$