

HW: 1-3 Lesson Quiz (on Google Classroom)

Compare the following numbers.

$$\sqrt{256} \quad \sqrt[4]{36}$$

$$\sqrt{32}$$

$$>$$

$$5.51326\dots$$

$$\begin{array}{r} 33.5 \\ \times 5.6 \\ \hline 1336 \\ 2800 \\ \hline 31.36 \end{array}$$

Order the following numbers from least to greatest.

$\sqrt{16}$ $\sqrt{25}$ $\sqrt{25}$ $\sqrt{36}$ 5.5 $4.\overline{66}$
 $\underline{5.2}$, $\sqrt{17}$, $\underline{\sqrt{32}}$, $\left(4\frac{2}{3}\right)$

$\sqrt{17}$, $4\frac{2}{3}$, 5.2 , $\sqrt{32}$

5.5
 $\times 5.5$
 \hline
 275
 2750
 \hline
 30.25

Compare and order the following numbers from least to greatest.

$$\pi \approx \underline{3.14}$$

1) π^2 , $9\frac{1}{2}$, $\underline{9.8}$, $\underline{9.5\bar{5}}$, $\sqrt{94}$

9.5

2) $\sqrt{11}$, $2\frac{1}{4}$, -2.5 , $3.6\bar{6}$, $-3.97621\dots$

1) π^2 , $9\frac{1}{2}$, 9.8, $9.5\bar{5}$, $\sqrt{94}$

≈ 9.8596 , 9.5

$$\begin{array}{r} 3.14 \\ \times 3.14 \\ \hline 1256 \\ 3140 \\ 9420 \\ \hline 9.8596 \end{array}$$

$$\begin{array}{r} 9.8 \\ \times 9.8 \\ \hline 784 \\ 8820 \\ \hline 96.04 \end{array}$$

$$\begin{array}{r} 9.6 \\ \times 9.6 \\ \hline 576 \\ 8640 \\ \hline 92.16 \end{array}$$

$9\frac{1}{2}$, $9.5\bar{5}$, $\sqrt{94}$, 9.8, π^2

2) $\sqrt{11}$, $2\frac{1}{4}$, -2.5 , $3.6\bar{6}$, $-3.97621\dots$

$-3.97621\dots, -2.5, 2\frac{1}{4}, \sqrt{11}, 3.6\bar{6}$

$$\begin{array}{r}
 21 \\
 3.5 \\
 \times 3.5 \\
 \hline
 175 \\
 1050 \\
 \hline
 12.25
 \end{array}$$

Assessment Solutions

