

Name: _____

Comparing and Ordering Real Numbers

1. $\sqrt{67} ? \frac{44}{5}$

- ☐ A. $<$
☐ B. $=$
☐ C. $>$

2. Complete the comparison below.

$37.1\% \square \frac{4}{7}$

- ☐ A. $>$
☐ B. $=$
☐ C. $<$

3. Complete the comparison below.

$350\% \square \frac{7}{2}$

- ☐ A. $>$
☐ B. $<$
☐ C. $=$

4. Choose the correct comparison for the numbers below.

52% , $\frac{8}{17}$, 0.62

- ☐ A. $0.62 > \frac{8}{17} > 52\%$
☐ B. $\frac{8}{17} < 52\% < 0.62$
☐ C. $52\% < \frac{8}{17} < 0.62$
☐ D. $\frac{8}{17} > 52\% > 0.62$

5. Order the following from least to greatest.

3.4 , 110% , $\frac{5}{12}$, 0.02 , $\frac{2}{7}$

- ☐ A. 3.4 , 110% , $\frac{5}{12}$, $\frac{2}{7}$, 0.02
☐ B. $\frac{5}{12}$, $\frac{2}{7}$, 0.02 , 3.4 , 110%
☐ C. 0.02 , $\frac{2}{7}$, $\frac{5}{12}$, 110% , 3.4
☐ D. 0.02 , $\frac{2}{7}$, $\frac{5}{12}$, 3.4 , 110%

6. Order the following from least to greatest.

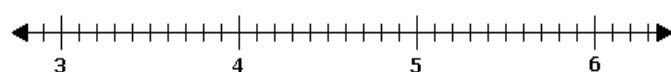
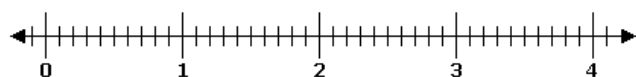
5.95 , $\frac{55}{9}$, $5\frac{5}{8}$, 51%

- ☐ A. $\frac{55}{9}$, 5.95 , $5\frac{5}{8}$, 51%
☐ B. 51% , $5\frac{5}{8}$, 5.95 , $\frac{55}{9}$
☐ C. 5.95 , $5\frac{5}{8}$, $\frac{55}{9}$, 51%
☐ D. 51% , $\frac{55}{9}$, $5\frac{5}{8}$, 5.95

7. Order the following numbers from greatest to least.

$7\bar{5}$, $\frac{36}{5}$, $\sqrt{53}$, 7.6

- ☐ A. $\frac{36}{5}$, $\sqrt{53}$, 7.6 , $7\bar{5}$
☐ B. 7.6 , $7\bar{5}$, $\sqrt{53}$, $\frac{36}{5}$
☐ C. $\frac{36}{5}$, 7.6 , $7\bar{5}$, $\sqrt{53}$
☐ D. $\sqrt{53}$, $\frac{36}{5}$, 7.6 , $7\bar{5}$



Use the number line above to correctly compare the following numbers.

8. π , $\sqrt{7.29}$, $\frac{12}{5}$

☐ A. $\pi < \sqrt{7.29}$

☐ B. $\pi < \frac{12}{5}$

☐ C. $\sqrt{7.29} < \frac{12}{5}$

☐ D. $\frac{12}{5} < \pi$

9. π , $2\sqrt{5}$, $\frac{11}{3}$

☐ A. $\pi < 2\sqrt{5}$

☐ B. $2\sqrt{5} < \frac{11}{3}$

☐ C. $\pi > \frac{11}{3}$

☐ D. $\pi > 2\sqrt{5}$

10. Order the following from greatest to least.

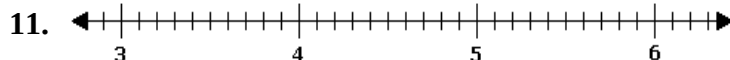
0.7% , 0.003 , $\frac{1}{200}$, $\frac{2}{15}$

☐ A. 0.7% , $\frac{1}{200}$, $\frac{2}{15}$, 0.003

☐ B. 0.003 , $\frac{1}{200}$, 0.7% , $\frac{2}{15}$

☐ C. $\frac{2}{15}$, 0.7% , $\frac{1}{200}$, 0.003

☐ D. $\frac{2}{15}$, 0.7% , 0.003 , $\frac{1}{200}$



Use the number line above to order the following numbers from greatest to least.

$(1.6)^3$, $\sqrt{12}$, $\pi\sqrt{3}$

☐ A. $\sqrt{12}$, $(1.6)^3$, $\pi\sqrt{3}$

☐ B. $\sqrt{12}$, $\pi\sqrt{3}$, $(1.6)^3$

☐ C. $\pi\sqrt{3}$, $(1.6)^3$, $\sqrt{12}$

☐ D. $(1.6)^3$, $\pi\sqrt{3}$, $\sqrt{12}$

12. Which list of numbers is in order from greatest to least?

☐ A. $\sqrt{20}$, 4 , $\sqrt{3}$, π

☐ B. $\sqrt{20}$, 4 , π , $\sqrt{3}$

☐ C. 4 , $\sqrt{20}$, π , $\sqrt{3}$

☐ D. $\sqrt{3}$, π , 4 , $\sqrt{20}$

13. Select the correct symbol.

$\sqrt{15}$? $\frac{10}{3}$

☐ A. $<$

☐ B. $>$

☐ C. $=$