Comparing and Ordering Fractions & Decimals Name _____ per __

Directions: In 1 - 4, order the rational numbers from *least* to *greatest*.
Hint: Don't forget to convert decimals ⟷ fractions to help you.

Example) 0.34, $\frac{3}{5}$, 0.4, $\frac{3}{16}$ Rational numbers in order = $\frac{3}{16}$, 0.34, 0.4, $\frac{3}{5}$

Possible ways to show your work:

Convert to decimals
0.1875, 0.34, 0.4, 0.6 **or**

Convert to fractions with common denominators
$\frac{240}{400}, \frac{160}{400}, \frac{136}{400}, \frac{75}{400}$

1) 0.66, $\frac{32}{50}$, 0.8, $\frac{6}{10}$

2) 0.44, $\frac{3}{8}$, 0.5, $\frac{2}{5}$

3) 0.2, $\frac{4}{15}$, 0.21, $\frac{1}{4}$

4) 0.66, $\frac{2}{3}$, 0.7, $\frac{7}{9}$

Directions: In 5 - 9, order the rational numbers from *greatest* to *least*.
If rational numbers are equivalent, use the equal sign in between the numbers.
Hint: Don't forget to convert decimals ⟷ fractions to help you.

5) 0.56, $\frac{5}{9}$, 0.5, $\frac{7}{12}$

6) 0.750, $\frac{3}{4}$, 0.75, $\frac{6}{8}$

7) 0.38, $\frac{2}{5}$, 0.45, $\frac{7}{20}$

8) 0.2, $\frac{2}{15}$, 0.15, $\frac{1}{7}$