

FDP warm up - rewrite values as decimals and place in ascending order back of 8

$$\begin{array}{r}
 5.03 \times 10^{-1} \\
 \hline
 .503
 \end{array}$$

$$\begin{array}{r}
 5.8\% \\
 \hline
 0.058
 \end{array}$$

$$\begin{array}{r}
 0.5 \\
 \hline
 0.500
 \end{array}$$

$$\begin{array}{r}
 5.03 \times 10^{-1} \\
 \hline
 5.03
 \end{array}$$

$$\begin{array}{r}
 5 \\
 \hline
 8
 \end{array}$$

$$\begin{array}{r}
 8 \overline{) 5.000} \\
 \underline{48} \\
 20 \\
 \underline{16} \\
 40 \\
 \underline{40} \\
 0
 \end{array}$$

Fractions, Decimal, Percents, & Scientific Notation

"DRAG AND DROP!" ACTIVITY

Directions: For questions 1-4, order the values from least to greatest.
For questions 5-8, order the values from greatest to least.

1					
2					
3					
4					
5					
6					
7					
8					

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Least to Greatest

1) 4%	1) $\frac{4}{9}$	1) 0.004	1) 4×10^{-1}	1) $\frac{1}{4}$
2) 6×10^1	2) 0.6	2) $\frac{1}{6}$	2) 16%	2) 6%
3) 7.5	3) 7%	3) $\frac{3}{4}$	3) $\frac{7}{10}$	3) 7.5×10^{-2}
4) 2%	4) $\frac{2}{9}$	4) $\frac{3}{16}$	4) 2×10^2	4) $\frac{1}{5}$
5) 9×10^{-3}	5) 0.9	5) $\frac{9}{10}$	5) 9%	5) $\frac{19}{20}$
6) $\frac{1}{3}$	6) 3%	6) 3.25×10^{-1}	6) 3×10^{-3}	6) 0.3
7) 100%	7) $\frac{3}{25}$	7) 1×10^1	7) $\frac{1}{10}$	7) 0.1
8) 6.1×10^{-1}	8) 0.067	8) 8.9×10^{-2}	8) 8%	8) $\frac{3}{5}$

Multiply/Divide Fraction Word Problems - Homework

<p>1. "Midway" is the name of 252 towns in the United States. "Pleasant Hill" occurs $\frac{5}{9}$ as many times. How many towns named "Pleasant Hill" are there in the United States?</p>	<p>2. Of the students in Mr. Boggs' class, $\frac{3}{5}$ participate in an after school sport. Of these, $\frac{1}{3}$ participate in track and field. What fraction of the students participate in track and field?</p>
<p>3. Marty rode his skateboard $2\frac{1}{9}$ blocks today. Dean rode his skateboard $2\frac{1}{2}$ times as far. How many blocks did Dean ride his skateboard today?</p>	<p>4. Of the 480 students at Pleasantville Middle School, $\frac{13}{20}$ play a school sport. How many students play a sport?</p> $\begin{array}{r} 480 \times \frac{13}{20} = \frac{6240}{20} \\ \hline 312 \end{array}$
<p>5. If $\frac{1}{4}$ of the squares on a checkerboard have a playing piece on it and $\frac{2}{3}$ of the pieces are black, then what fraction of the squares have a black playing piece?</p>	<p>6. How many $\frac{3}{4}$ foot lengths of pipe can be cut from a $6\frac{1}{3}$ foot pipe?</p> $6\frac{1}{3} \div \frac{3}{4}$
<p>7. A truck driver drove 300 miles in $6\frac{3}{4}$ hours. How many miles per hour did the driver drive?</p>	<p>8. A bag contains $22\frac{1}{2}$ cups of flour. A recipe for pancakes uses $1\frac{1}{4}$ cups of flour. How many batches of pancakes can be made with one bag of flour?</p>
<p>9. An average ant is $\frac{1}{4}$ inch long. An average aphid is $\frac{3}{32}$ inch long. How many times longer is an average ant than an average aphid?</p>	<p>10. Suppose a hurricane traveled 130 miles in $6\frac{1}{2}$ hours. How many miles per hour did the hurricane travel?</p>

1. FDP classwork

2. Finish multiply divide word problems

3. IXL

OR Genius Hour

6th grade - J.4, J.7

7th grade - A.9, L.3

