

Assignment

LESSON 1: You Have a Point

Write

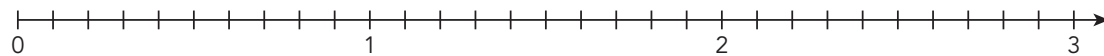
Use your own words to define *rational number*.

Remember

To determine whether one decimal is greater than another, compare digits in the place of each digit from left to right.

Practice

1. Plot each decimal on the number line shown.



- a. 1.8 b. 0.62 c. 2.25
d. 0.05 e. 1.37 f. 2.9

2. Write four decimals between 0.82 and 0.83.

3. Order the decimals from greatest to least.

- 516.84 512.78 516.24
512.79 512.04 513.64
513.98 516.09 513.99

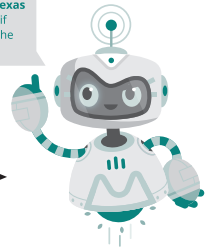
4. Compare the values in each pair using $>$, $<$, or $=$.

- a. $\frac{7}{10}$ _____ 0.48 b. $\frac{2}{5}$ _____ 0.25
c. 0.04 _____ $\frac{1}{25}$ d. 0.56 _____ $\frac{3}{5}$

5. Janet's dog had eight puppies. She recorded the weight of each puppy at birth. List the weights of the puppies in ounces from least to greatest.

13.6 oz	13.09 oz
12.88 oz	12.96 oz
13.75 oz	14.1 oz
12.47 oz	13.32 oz

Visit livehint.com/texas
or use this QR code if
you need a hint on the
Practice questions.



Stretch

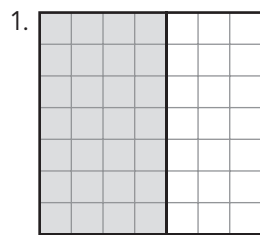
Order the values listed from least to greatest.

3.61 $4\frac{2}{3}$ $\frac{27}{8}$ 470%

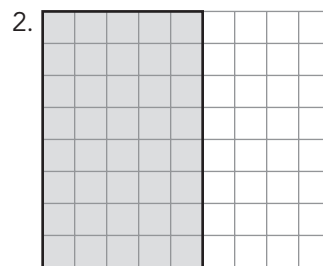
385% $\frac{18}{5}$ 4.05 $\frac{29}{6}$

Review

Complete each to represent the shading in the model.



$$\begin{aligned} 7 \times (4 + 3) &= 7 \times \underline{\hspace{1cm}} + 7 \times \underline{\hspace{1cm}} \\ &= \underline{\hspace{1cm}} + 21 \\ &= \underline{\hspace{1cm}} \end{aligned}$$



$$\begin{aligned} 8 \times (5 + 4) &= 8 \times \underline{\hspace{1cm}} + 8 \times \underline{\hspace{1cm}} \\ &= 40 + \underline{\hspace{1cm}} \\ &= \underline{\hspace{1cm}} \end{aligned}$$



$$\begin{aligned} 3 \times (\underline{\hspace{1cm}} + 2) &= 3 \times 6 + \underline{\hspace{1cm}} \times 2 \\ &= \underline{\hspace{1cm}} + 6 \\ &= \underline{\hspace{1cm}} \end{aligned}$$



$$\begin{aligned} \underline{\hspace{1cm}} \times (3 + 8) &= 6 \times 3 + \underline{\hspace{1cm}} \times 8 \\ &= \underline{\hspace{1cm}} + 48 \\ &= \underline{\hspace{1cm}} \end{aligned}$$