

# STUDY GUIDE

for use after Investigation 3

1. Compare the fractions in each pair. Select true or false for each comparison. Explain your reasoning.

	True	False	Explanation
$\frac{5}{9} > \frac{5}{12}$			
$-\frac{3}{6} < -\frac{7}{16}$			
$\frac{14}{8} = \frac{21}{12}$			
$-\frac{6}{10} > \frac{7}{12}$			

2. Find three numbers between  $-0.15$  and  $-0.14$ .

3. The diagram represents  $1\frac{1}{2}$ . Show where one whole is.

Quiz 3 (continued)

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4. Rewrite these numbers in order from least to greatest.<sup>61</sup>

$$-\frac{4}{5}, \quad 0.3, \quad -\frac{3}{2}, \quad \frac{6}{4}, \quad 0.25, \quad \frac{9}{10}$$

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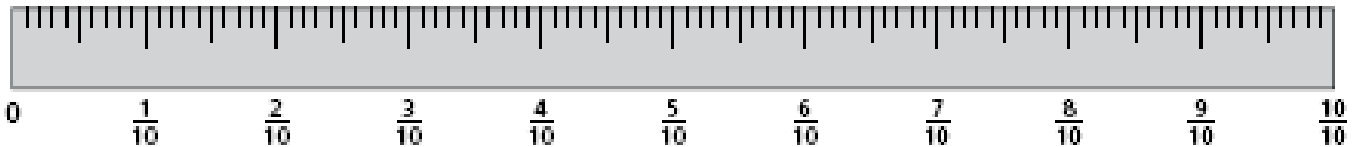
5. Konner said, “The ratio of basketball shots to missed shots at practice is 7 to 3. For every seven shots I make, I miss three shots.”

If Konner makes 21 basketball shots, how many would he expect to miss?

6. What number(s) have an absolute value of 3?

7. On the strip below, label the location of each decimal with a dot.

A) 0.2    B) 0.02    C) 0.12    D) 0.120    E) 0.012



8. Mrs. Dickerson ordered 125 boxes of Girl Scout cookies for her 20 top students. How many boxes of cookies does each student get?

Write your answer as a fraction and as a decimal.