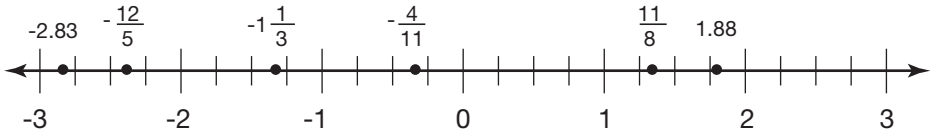
Name _____

Practice
10-3

Rational Numbers on a Number Line

Write $<$ or $>$ in the circle.



1. $-1\frac{1}{3}$ ◯ $-\frac{12}{5}$ **2.** $\frac{11}{8}$ ◯ 1.88 **3.** $-2.8\overline{3}$ ◯ $-1\frac{1}{3}$

4. $-\frac{4}{11}$ ◯ -0.19 **5.** 1.6 ◯ $\frac{4}{3}$ **6.** $-\frac{1}{6}$ ◯ -0.1

Write the numbers in order from least to greatest.

7. $0.6\overline{6}$, $-\frac{1}{3}$, $-\frac{5}{12}$ **8.** $-\frac{12}{5}$, -1.35, $-1\frac{7}{9}$ **9.** $\frac{3}{8}$, $\frac{2}{5}$, 0.38

_____ _____ _____

Use the table for **10** and **11**.

10. A scientist is testing lake water at different depths. Order the samples of lake water from greatest depth to least depth.

_____

Day	Feet Below the Lake Surface
Monday	$-1\frac{3}{8}$
Tuesday	-0.4
Wednesday	-1.55
Thursday	$-\frac{9}{16}$

11. Number Sense At what depth could the scientist take a new sample that would be shallower than the shallowest sample?

_____

12. Which rational number is least?

A $0.6\overline{6}$

B $-\frac{4}{5}$

C $-\frac{6}{7}$

D -0.6

13. Writing to Explain Lauren says that $-3.\overline{36}$ is greater than $-3\frac{1}{3}$. Do you agree? Explain.

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Practice **10-3**

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