

## ORDERING RATIONAL NUMBERS

Use your understanding of ordering rational numbers to answer the questions below.

1. What do all of the numbers in the box below have in common?

13%    0.125     $\frac{1}{5}$     10%

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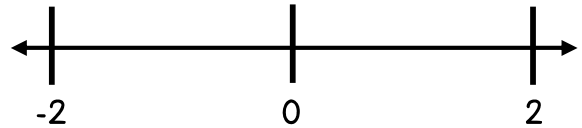


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2. Use the number line below to locate the point  $-1\frac{2}{3}$  and describe your thought process.




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3. Three friends are playing a card game. To start, each player draws three cards and orders them from greatest to least. Which player ordered their cards correctly?

LETICIA

$-0.9, -50\%, -\frac{2}{3}$

TAYLOR

$200\%, 2\frac{1}{5}, 2.05$

RODNEY

$3.45\%, 0.029, -5\%$

4. Write each percent as a decimal in the spaces below.

a.  $76\% =$  \_\_\_\_\_

b.  $15.99\% =$  \_\_\_\_\_

c.  $0.88\% =$  \_\_\_\_\_

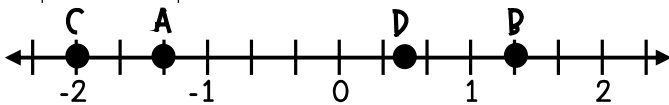
5. Write each decimal as a percent in the spaces below.

a.  $0.97 =$  \_\_\_\_\_

b.  $1.4 =$  \_\_\_\_\_

c.  $0.006 =$  \_\_\_\_\_

6. The following numbers are placed on a number line. Which of the following best represents point A?



A.  $-\frac{2}{3}$       B.  $-2\frac{2}{3}$

C.  $-1\frac{1}{3}$       D.  $\frac{2}{3}$

7. Julian tracks his progress on his reading quizzes over a period of four weeks. Which list shows his scores from greatest to least?

| WEEK 1          | WEEK 2         | WEEK 3 | WEEK 4 |
|-----------------|----------------|--------|--------|
| $\frac{17}{20}$ | $\frac{9}{10}$ | 75%    | 0.65   |

A. Week 3, 4, 1, 2

B. Week 2, 1, 3, 4

C. Week 4, 3, 1, 2

D. Week 2, 1, 4, 3