



Number Rights Learner Guide

Watch the animation *Number Rights* and complete these activities. The animation is available on iTunes U (search for "Math Snacks") and at mathsnacks.com

1. Shout from your desk, "A fraction or a decimal is just like any other number and deserves to be put on the number line!"

Think of one fraction and one decimal number and place them at the appropriate places on the number line to the right.

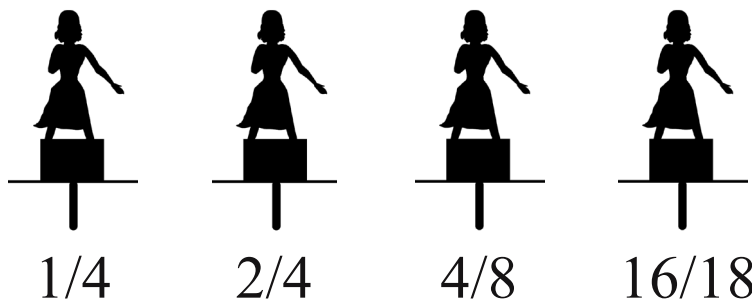
2. In the Number Rights video, the speaker, "1/4" says that you can also call her "2/4," "4/8," "16/18".

A. "-4/6" and "-16/24" are other names for which character on the number line?

B. "-.5" is another name for which character?

C. Can you think of two other names for "5/7"?

D. Can you think of another name for "15/3"?



MATH SNACKS

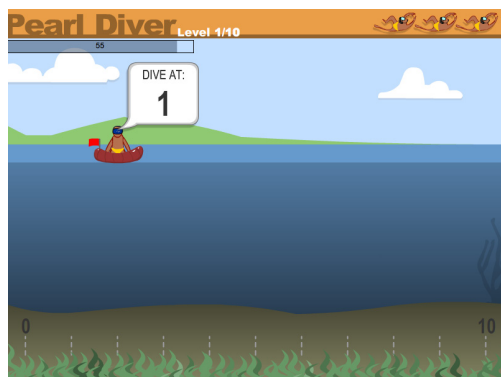
1. Look at the numberline and answer these questions

- A. $15/3$ is how many units to the right of 3?
- B. What number is the same distance from zero on the right-hand side of the number line as -1 is on the left-hand side?
- C. What number is $2 \frac{1}{2}$ units to the right of $\frac{1}{2}$?
- D. Is the number 3 closer to the number $\frac{1}{4}$ or to 7.4?



2. Why does the speaker in the Number Rights video call zero “the hero of the number line”? In other words, why is zero so important on the number line?

3. Play Pearl Diver game. <http://www.mathsnacks.com>





Produced by New Mexico State University Media Productions for
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Sponsored by The Ohio Board of Regents and Funded by
The U.S. Dept. of Education Star Schools Grant.

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Funded by U.S. Department of Education: Award Number U295A050004

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