

ATTACK OF THE CHICKEN NUGGET MAN

Chicken
Nugget Man
Activity

Chapter 7: Fraction Benchmarks

Materials Needed:

Student copies of Fraction Benchmarks sheet.

Whole Group Activity:

Before you teach this lesson, the following link may offer some good information about what students need to know to master this objective.

http://fractionbars.com/StandardsFolder/Grade3_5inst.html

Begin by reviewing the purpose of a numerator and a denominator in a fraction. Remind students that the denominator tells us how many pieces there are in the whole, and the numerator tells us how many of those pieces are available. Review the amounts 0, $\frac{1}{2}$, 1, $1\frac{1}{2}$, 2. Draw a number line to show their locations.

Give examples of fractions, like $\frac{3}{4}$ and ask students how many pieces are the whole (4). How many of those 4 pieces are available (3)? Is three more or less than half of 4 (more)? So is $\frac{3}{4}$ more than half or less than half (more)? Is it more than 1 or less than one (less). Using a number line, place $\frac{3}{4}$ in between $\frac{1}{2}$ and 1.

Ask students which benchmark is below $\frac{3}{4}$ ($\frac{1}{2}$)? Which benchmark is above $\frac{3}{4}$ (1)? Which is closer (they are the same)?

Repeat with $\frac{5}{6}$.

How many pieces? 6

How many are available? 5

Is five more or less than half of 6? More

Is $\frac{5}{6}$ more or less than $\frac{1}{2}$? More

Is $\frac{5}{6}$ more or less than 1? Less

Which benchmark is $\frac{5}{6}$ closest to? (one)

About where should it go on the number line?

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Standards Addressed: 3.NF.2

Understand a fraction as a number on the number line; represent fractions on a number line diagram.

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Use other examples as a whole class.

Assessment:

Have students complete the attachment for assessment.

Differentiation:

Remediation	Enrichment
<p>Find Grampy!</p> <p>Students can play this game to further their understanding of fractions on a number line. While they are playing, discuss the nearest benchmarks for each fraction.</p> <p>http://visualfractions.com/FindGrampy/find-grampy.html</p>	<p>Create more complicated fractions (such as $\frac{2,384}{10,429}$ and challenge students to reduce and find the nearest benchmarks.</p>

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