"I'll take the Bigger Half!"

Creating In-Depth Fraction Number Sense

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Before we jump in...

Represent the fraction one-half in as many different ways as you can.

You may use words, pictures, drawings, numbers, symbols, or anything else you'd like in your representations.

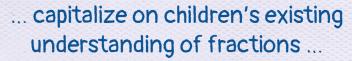
If you'd like, introduce yourself to a neighbor and share.













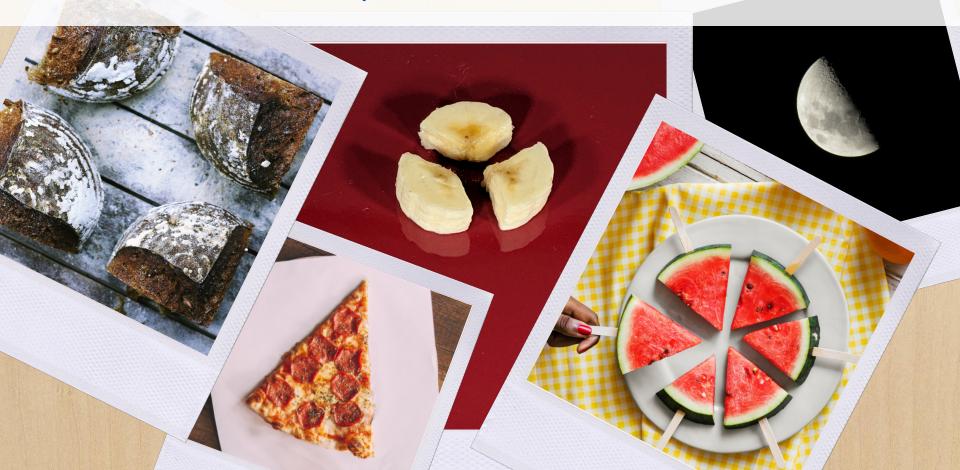
Three Types of Fractions ...

- □ part of a whole
- □ part of a set
- □ a measure

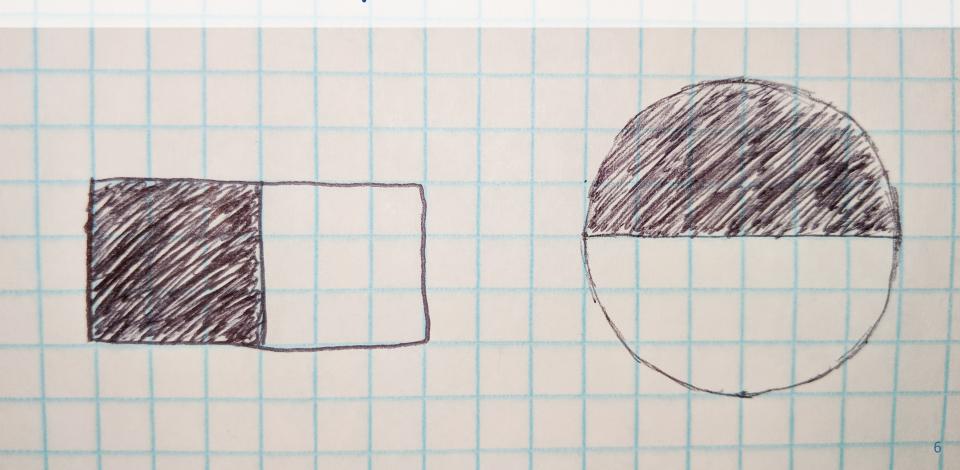




... as part of a whole ...



... as part of a whole ...



... as part of a set ...





... as part of a set comparison to a whole/unit ...

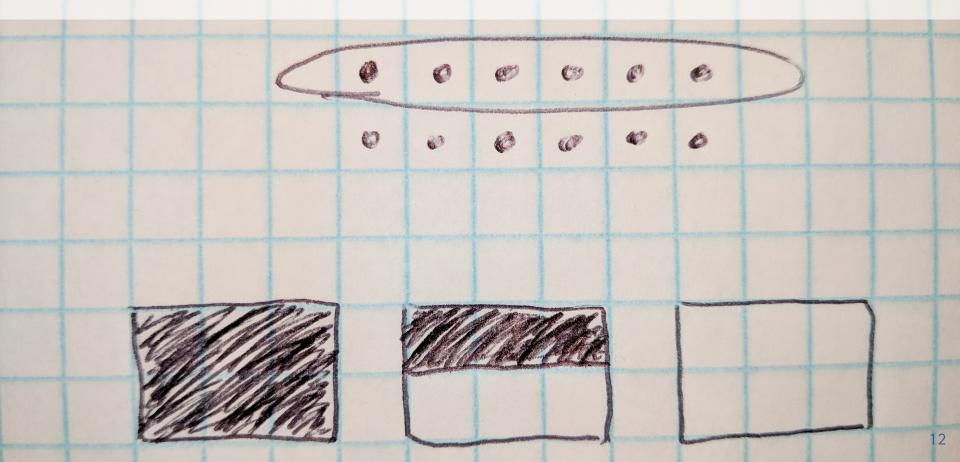




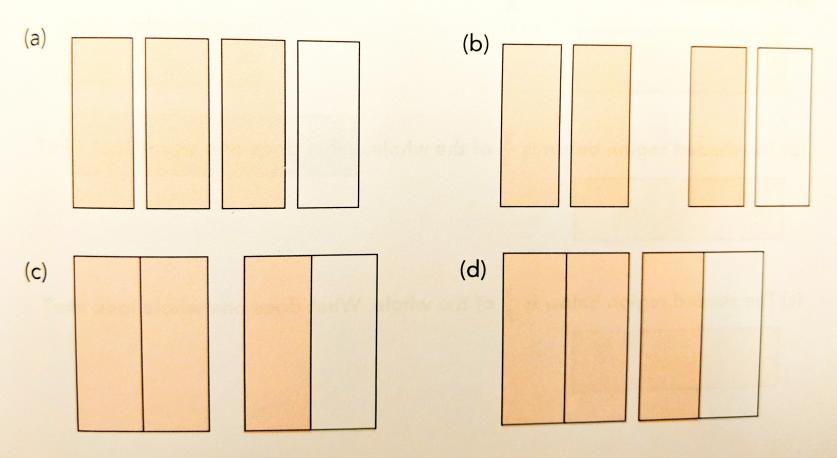








Which of these has $\frac{3}{4}$ of the entire diagram shaded?



A Series for Teaching Mathematics

Fractions into Practice

Essential Understanding

Rational Numbers

Grades 3–5

3-5



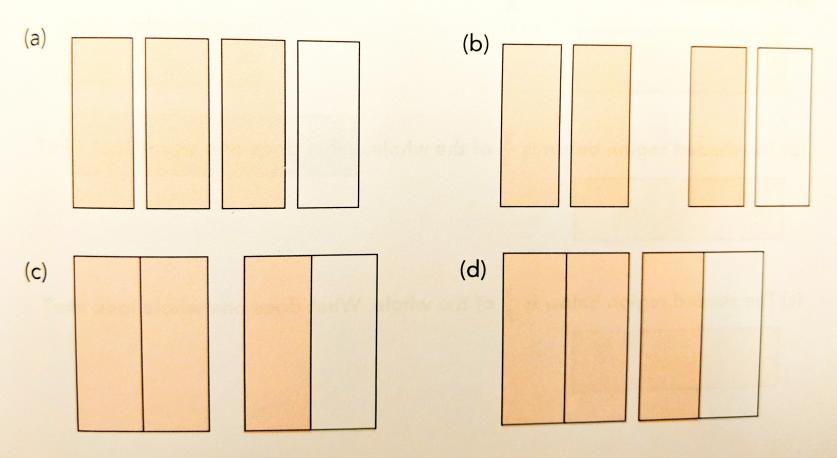
NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS



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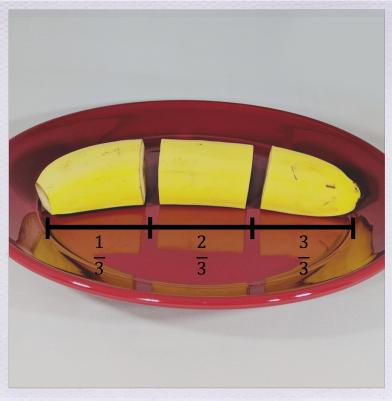


Which of these has $\frac{3}{4}$ of the entire diagram shaded?



... as a measure ...







... as a measure ...

... slides continue in second file ...





Credits & Resources

Special thanks to:

- SlidesCarnival for the beautiful and free presentation template
- ☐ The many photographers who share their free photos via <u>Unsplash</u> for people like us to use
- NCTM for publishing the <u>two resource books</u> referred to in this presentation and, in fact for the whole series!

Contact Me! I'd love to hear from you!

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