

Math 1 A/B

## How to Learn Math

### Lesson 5: Number Patterns and Representations

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Period: \_\_\_\_\_

#### Making Sense & Intuition

A man is on a diet and goes into a shop to buy some turkey slices. He is given 3 slices which together weigh  $\frac{1}{3}$  of a pound but his diet says that he is only allowed to eat  $\frac{1}{4}$  of a pound.

How many of the 3 slices he bought can he eat while staying true to his diet?

#### Drawing and Representing

What did you learn from watching the three visual solutions?

- Nothing
- That it is really useful to solve math problems visually.
- Some visual strategies that I will use in future math problems.

#### Fractions: A Relationship

Which is bigger  $\frac{3}{4}$  or  $\frac{7}{10}$ ?

- $\frac{3}{4}$
- $\frac{7}{10}$

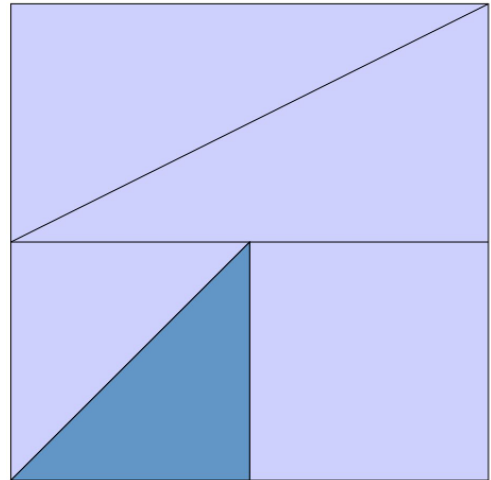
### Fractions: Same Size Pieces

What fraction of the above shape is shaded?

$1/5$

$1/4$

$1/8$



### Fractions: Big Ideas

What are two big ideas in the learning of fractions?

### Ideas Vs. Memorization

In this session we have talked about making sense, drawing and representing, using intuition, and looking for the big idea.

What are some important things you learned today that everyone your age should know? Write a paragraph, please.