

MATH SKETCH NOTES

DIVIDING FRACTIONS

A LOOK AT
DIVISORS

23
Set 6

DIVISOR <
DIVIDEND

$$\frac{3}{4} \div \frac{1}{2}$$

THINK

How many $\frac{1}{2}$
does it take to
cover $\frac{3}{4}$?



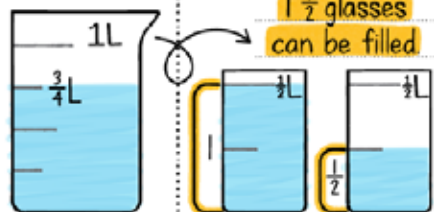
It takes one $\frac{1}{2}$ and
a half $\frac{1}{2}$ to cover $\frac{3}{4}$.

$$1\frac{1}{2}$$

A pitcher contains $\frac{3}{4}$ liter of water.

A small glass holds $\frac{1}{2}$ liter of water.

How many glasses can be filled?



Since the divisor is less
than the dividend, the
quotient is greater than 1.

DIVISOR >
DIVIDEND

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THINK

How many $\frac{3}{4}$
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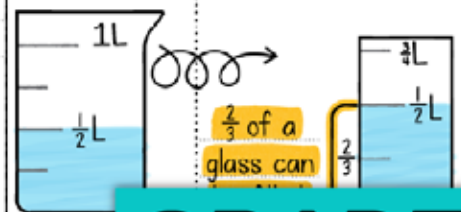
It takes 2 out of 3
parts of $\frac{3}{4}$ to cover $\frac{1}{2}$.

$$\frac{2}{3}$$

A pitcher contains $\frac{1}{2}$ liter of water.

A large glass holds $\frac{3}{4}$ liter of water.

What fraction of a glass can be filled?



Since the divisor is greater
than the dividend, the
quotient is less than 1.

GRADE 6

DIVIDING FRACTIONS A LOOK AT DIVISORS

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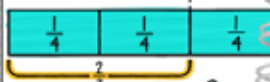
It takes one $\frac{1}{2}$ and a half $\frac{1}{2}$ to cover $\frac{3}{4}$.

DIVISOR > DIVIDEND

$$\frac{1}{2} \div \frac{3}{4}$$

THINK

How many $\frac{3}{4}$ does it take to cover $\frac{1}{2}$?



It takes 2 out of 3 parts of $\frac{3}{4}$ to cover $\frac{1}{2}$.

DIVIDING FRACTIONS A LOOK AT DIVISORS

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Set 6

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It takes 2 out of 3 parts of $\frac{3}{4}$ to cover $\frac{1}{2}$.

2 SIZES: STANDARD US 8.5 × 11
& COMPOSITION NOTEBOOK



The Gist Since the divisor is less than the dividend, the quotient is greater than 1.

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STEP-BY-STEP POWERPOINT

DIVIDING FRACTIONS A LOOK AT DIVISORS

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DIVISOR < DIVIDEND

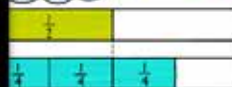
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THINK
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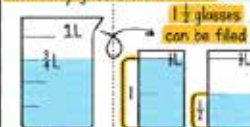
THINK
How many
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takes 2 out of 3
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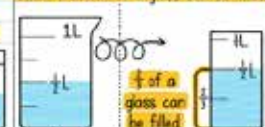
$$= \frac{2}{3}$$

A pitcher contains $\frac{1}{2}$ liter of water.
A small glass holds $\frac{1}{4}$ liter of water.
How many glasses can be filled?



★ The Quotient
Since the divisor is less than the dividend, the quotient is greater than 1.

A pitcher contains $\frac{1}{2}$ liter of water.
A large glass holds $\frac{3}{4}$ liter of water.
What fraction of a glass can be filled?



★ The Quotient
Since the divisor is greater than the dividend, the quotient is less than 1.

MacBook Pro

DIVIDING FRACTIONS

A LOOK AT DIVISORS

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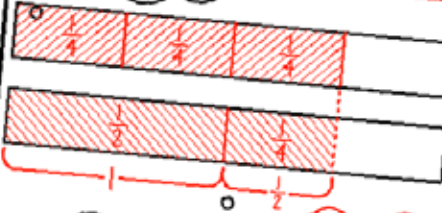
Set 6

DIVISOR < DIVIDEND

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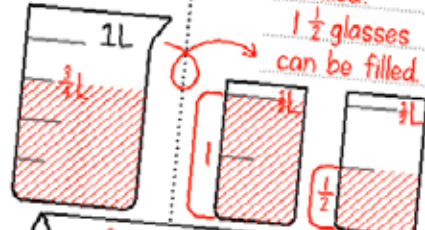
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How many $\frac{1}{2}$ does it take to cover $\frac{3}{4}$?



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The Gist

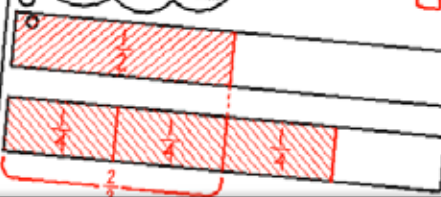
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DIVISOR > DIVIDEND

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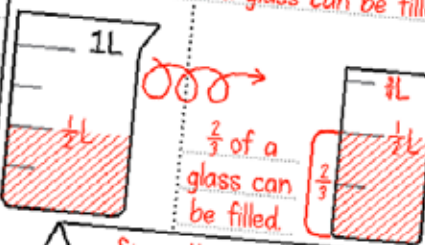
THINK

How many $\frac{3}{4}$ does it take to cover $\frac{1}{2}$?



DETAILED ANSWER KEY

A large glass holds $\frac{3}{4}$ L of water.
What fraction of a glass can be filled?



The Gist

Since the divisor is greater than the dividend, the quotient is less than 1.

MATH SKETCH NOTES

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These 6th-grade math sketch notes (AKA doodle pages) are a powerful learning and teaching tool. They cover essential math concepts and procedures for students in a visually appealing way. You can use this resource to supplement any math curriculum, and they are perfect for previewing/pre-teaching or reviewing/reinforcing.

These sketch pages are like mini anchor charts that your students actively create and can be referred to in the future.

WHAT'S INCLUDED:

- Blank student note page
(two sizes: 8.5 x 11 & composition notebook size for INBs)
- Detailed answer key
- Step-by-step PowerPoint

GUIDED NOTE-TAKING

Guiding your students through the note-taking process is so easy and requires almost zero preparation!

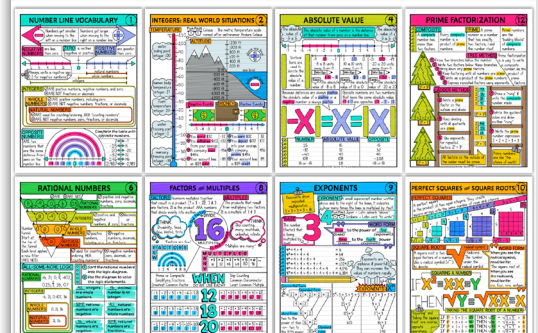
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

WHY SKETCH?

Sketch notes present your students with a meaningful and engaging activity they will love. Doodle note-taking activates verbal and visual modalities to capture concepts. The whole brain is absorbed in hearing, synthesizing, and retaining ideas. This high level of engagement helps students retain the content and leaves little room for distraction.

GET THE BUNDLE!!!

SIXTH GRADE MATH GUIDED SKETCH NOTES



GROWING BUNDLE