

MATH SKETCH NOTES

DIVIDING FRACTIONS

A LOOK AT
QUOTIENTS

22
Set 6

WITHOUT A
REMAINDER

A pitcher holds $\frac{3}{4}$ of a liter. If a cup holds $\frac{1}{4}$ of a liter, how many cups can you fill?

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

THINK
How many $\frac{1}{4}$ are in $\frac{3}{4}$?

When the **dividend** is perfectly divisible by the **divisor**, you get a whole number **quotient**.



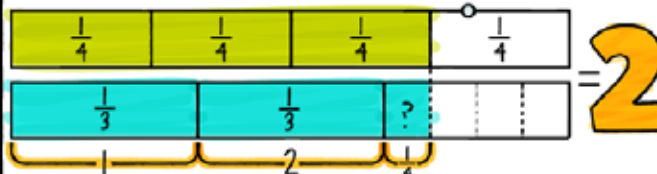
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THINK
How many $\frac{1}{3}$ are in $\frac{3}{4}$?

THINK What fraction of the divisor do the leftover pieces make?



The # of pieces left over.

The # of pieces that equal the divisor.

When the dividend is not perfectly divisible by the divisor, you have a left over piece.

To interpret the left over piece, compare it to the divisor.

QUOTIENTS
SNAPSHOT

1 Find the number of whole divisor-size groups

$a \frac{b}{c}$

2 Compare any leftover

GRADE 6

DIVIDING FRACTIONS A LOOK AT QUOTIENTS

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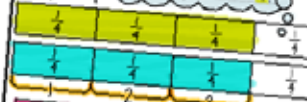
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2 SIZES: STANDARD US 8.5 × 11 & COMPOSITION NOTEBOOK



1 Find the number of whole divisor-size groups

amount

size of one divisor group

amount of whole divisor-size groups

amount to the divisor - NOT to the original whole

size of one divisor group

amount to the divisor - NOT to the original whole

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STEP-BY-STEP POWERPOINT

DIVIDING FRACTIONS A LOOK AT QUOTIENTS **22**

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THINK What fraction of the pitcher do the leftover pieces make?

The # of pieces left over.

The # of pieces that equal the divisor.

21

When the dividend is not perfectly divisible by the divisor, you have a left over piece.

To interpret the left over piece, compare it to the divisor.

QUOTIENTS SNAPSHOT

1 Find the number of whole divisor-size groups.

2 Compare any leftover amount to the divisor. NOT to the original whole.

3 size of one divisor group.

4 leftover amount.

5 $a\frac{b}{c}$

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DIVIDING FRACTIONS

A LOOK AT QUOTIENTS

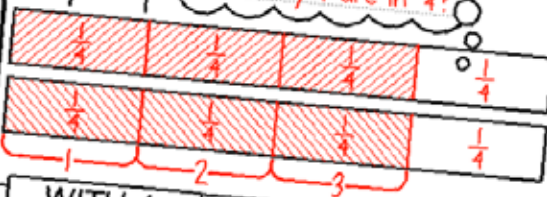
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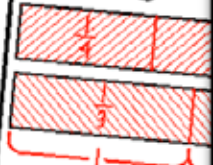
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DETAILED ANSWER KEY

When the dividend is not perfectly divisible by the divisor, you have a left over piece.

pieces that equal the divisor.

To interpret the left over piece, compare it to the divisor.

QUOTIENTS SNAPSHOT

① Find the number of whole divisor-size groups

a b
c

leftover amount

size of one divisor group

② Compare any leftover amount to the divisor-- NOT to the original whole

MATH SKETCH NOTES

MATH SKETCH NOTES

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!

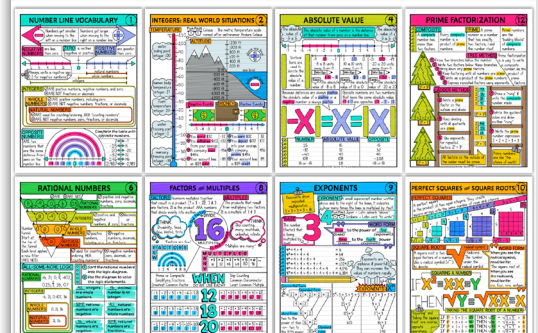
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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