

MATH SKETCH NOTES

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These 4th-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!

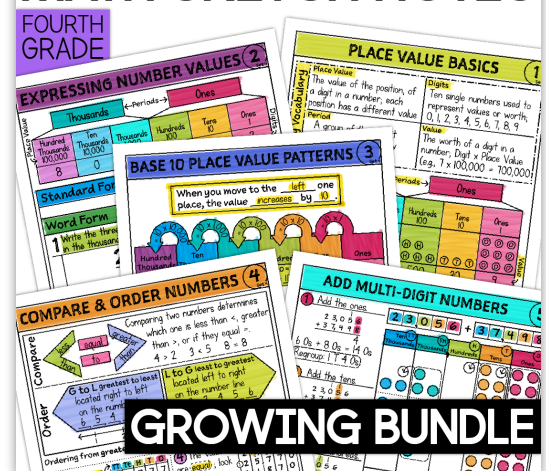
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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!!!

MATH SKETCH NOTES



MATH SKETCH NOTES

REPRESENTING FRACTIONS

33

Set 4

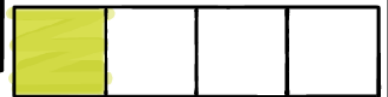
1

Numerator (Part)

The number of equal parts that are counted or shaded. It goes above the fraction bar.

fraction bar

A fraction represents part of a whole.



4

Denominator (Whole)

The total number of equal parts that make up the whole. It goes below the fraction bar.

1

A unit fraction is 1 equal part of a whole. The numerator of a unit fraction is always 1.

Parts of a Whole



? What fraction of the whole is shaded?

Parts of a Group



? What fraction of the group is shaded?

Strip Diagram



? What fraction of the strip is shaded?

Number Line



? What location is shaded?

GRADE 4

REPRESENTING FRACTIONS

33
Set 4

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fraction bar

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Parts of a Whole



Parts of a Group



REPRESENTING FRACTIONS

33
Set 4

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fraction bar

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A unit fraction is 1 equal part of a whole. The numerator of a unit fraction is always 1.

Parts of a Whole

Parts of a Group

2 SIZES: STANDARD US 8.5 × 11 & COMPOSITION NOTEBOOK



What fraction of the strip is shaded?



Where is the fraction located on the number line?



What fraction of the strip is shaded?



Where is the fraction located on the number line?

STEP-BY-STEP POWERPOINT

REPRESENTING FRACTIONS 33

1 Numerator (Part)
The number of equal parts that are counted or shaded. It goes above the fraction bar.

A fraction represents part of a whole.

1 A unit fraction is 1 equal part of a whole. The numerator of a unit fraction is always 1.

Parts of a Group

What fraction of the whole is shaded?

Strip Diagram

What fraction of the strip is shaded?

Number Line

What fraction of the group is shaded?

Where is the fraction located on the number line?

$\frac{5}{8}$

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REPRESENTING FRACTIONS

33

Set 4

1

Numerator (Part)

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A fraction represents part of a whole.

fraction bar

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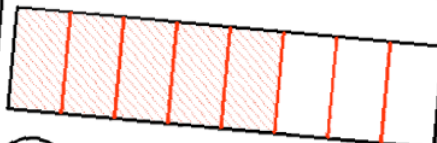
Parts of a Whole



?

What fraction of the whole is shaded?

Strip Diagram



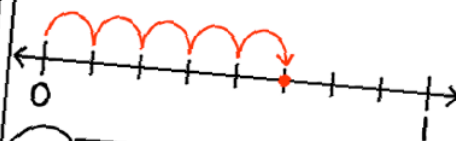
?

What fraction of the strip is shaded?

$\frac{5}{8}$

the group is shaded?

Number Line



?

Where is the fraction located on the number line?

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