

MATH SKETCH NOTES

MATH SKETCH NOTES

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!

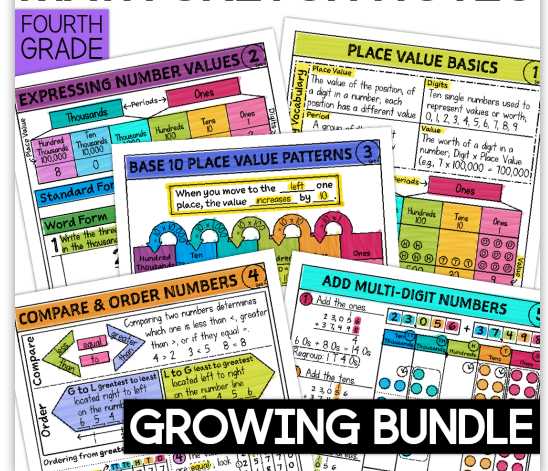
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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

FRACTIONS GREATER THAN ONE (41)

Set 4

MIXED NUMBERS

$2\frac{3}{5}$

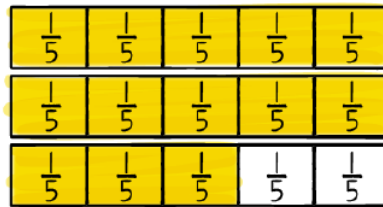
A whole number and a fraction that are combined

How many wholes are there?

$5\frac{2}{3}$

What fraction remains?

Fractions greater than one can be expressed in two ways.



IMPROPER FRACTIONS

$\frac{13}{5}$

A fraction with a numerator that is greater than the denominator

How many pieces are there?

$\frac{17}{3}$

How many pieces make one whole?

Mixed to Improper

$$2\frac{3}{5} = \frac{13}{5}$$

$5 \times 2 = 10$

- ① denominator $\times$ whole #
- ② product + numerator
- ③ sum = numerator
- ④ denominator remains

Improper to Mixed

$$\frac{17}{3} = 5\frac{2}{3}$$

- ① numerator $\div$ denominator
- ② quotient = whole #
- ③ remainder = numerator
- ④ denominator remains

GRADE 4

FRACTIONS GREATER THAN ONE (41)

MIXED NUMBERS

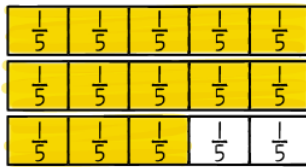
$2\frac{3}{5}$

A whole number and a fraction that are combined

How many wholes are there?

2

Fractions greater than one can be expressed in two ways.



A fraction with a numerator is greater than the denominator



IMPROPER FRACTIONS

$\frac{13}{5}$

How many wholes are there?

FRACTIONS GREATER THAN ONE (41)

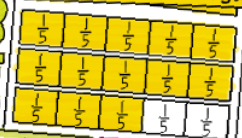
MIXED NUMBERS

$2\frac{3}{5}$

A whole number and a fraction that are combined

How many wholes are there?

Fractions greater than one can be expressed in two ways.



A fraction with a numerator that is greater than the denominator

$\frac{13}{5}$

2 SIZES: STANDARD US 8.5 × 11
& COMPOSITION NOTEBOOK



- ① denominator × whole #
- ② product + numerator
- ③ sum = numerator
- ④ denominator remains

- ① numerator ÷ denominator
- ② quotient = whole #
- ③ remainder = numerator
- ④ denominator remains

- ② sum = numerator
- ④ denominator remains

- ② quotient = whole #
- ③ remainder = numerator
- ④ denominator remains

STEP-BY-STEP POWERPOINT

FRACTIONS GREATER THAN ONE (41)

MIXED NUMBERS

3

Fractions greater than one can be expressed in two ways.



IMPROPER FRACTIONS

$\frac{13}{5}$

Fraction with a numerator that is greater than the denominator



How many pieces are there?

17



How many pieces make one whole?

3

What fraction remains?

Mixed to Improper

$2\frac{3}{5} = \frac{13}{5}$

$5 \times 2 = 10$

1 denominator $\times$ whole #

2 product + numerator

3 sum = numerator

4 denominator remains

Improper to Mixed

$\frac{17}{3} = 5\frac{2}{3}$

$17 \div 3 = 5 \text{ r}2$

1 numerator $\div$ denominator

2 quotient = whole #

3 remainder = numerator

4 denominator remains

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MacBook Pro

FRACTIONS GREATER THAN ONE (41)

Set 4

MIXED NUMBERS

2 $\frac{3}{5}$

Fractions greater than one can be expressed in two ways.



IMPROPER FRACTIONS

$\frac{13}{5}$

A whole number and a fraction that are combined

A fraction with a numerator that is greater than the denominator

How many wholes are there?

5 $\frac{2}{3}$

What fraction remains?

DETAILED ANSWER KEY

Mixed to Improper

$$2 \frac{3}{5} = \frac{13}{5}$$

$5 \times 2 = 10$

$10 + 3 = 13$

- ① denominator $\times$ whole #
- ② product $+$ numerator
- ③ sum = numerator
- ④ denominator remains

Improper to Mixed

How many pieces make one whole?

$$\frac{17}{3} = 5 \frac{2}{3}$$

$17 \div 3 = 5 \text{ r}2$

- ① numerator $\div$ denominator
- ② quotient = whole #
- ③ remainder = numerator
- ④ denominator remains