

MATH SKETCH NOTES

MATH SKETCH NOTES

These 5th-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 × 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!

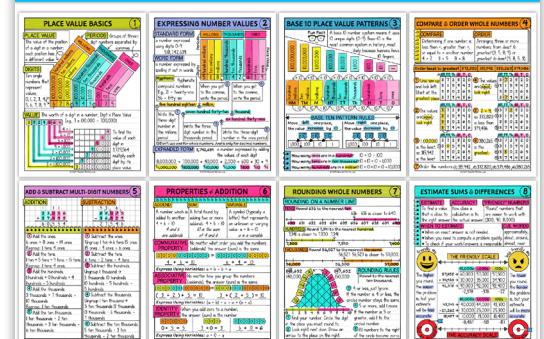
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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!!!

FIFTH GRADE MATH GUIDED SKETCH NOTES



GROWING BUNDLE

MATH SKETCH NOTES

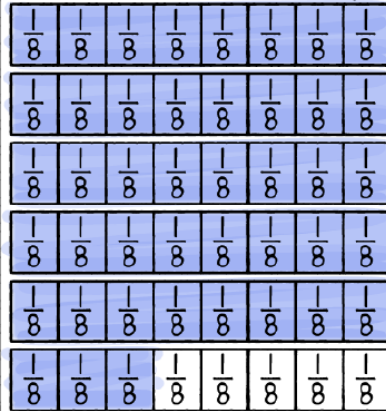
FRACTIONS GREATER THAN ONE 39 Set 5

MIXED NUMBERS

5 $\frac{3}{8}$

A combination of a whole number and a proper fraction

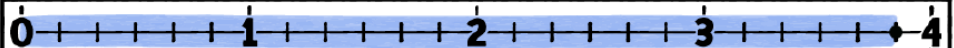
Fractions that are greater than one can be expressed in two ways.



IMPROPER FRACTIONS

$\frac{43}{8}$

A fraction with a numerator that is greater than the denominator



How many wholes are there? **3**

$\frac{5}{6}$

What fraction remains?

How many pieces are there? **23**

$\frac{6}{6}$

How many pieces make one whole?

MIXED to IMPROPER

$$4 \frac{2}{9} = \frac{38}{9}$$

$9 \times 4 = 36$

IMPROPER to MIXED

$$\frac{38}{9} = 4 \frac{2}{9}$$

$38 \div 9 = 4 \text{ r}2$

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

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

GRADE 5

FRACTIONS GREATER THAN ONE

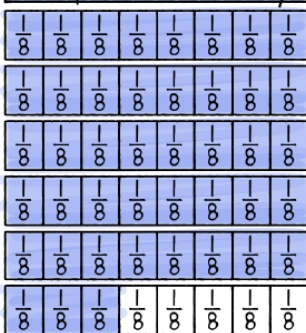
39
Set 5

MIXED NUMBERS

$$5\frac{3}{8}$$

A combination of a whole number and a proper fraction

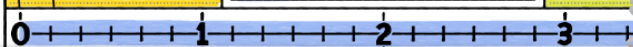
Fractions that are greater than one can be expressed in two ways.



IMPROPER FRACTIONS

$$\frac{43}{8}$$

A fraction with a numerator that is greater than the denominator



FRACTIONS GREATER THAN ONE

39
Set 5

MIXED NUMBERS

$$5\frac{3}{8}$$

A combination of a whole number and a proper fraction

Fractions that are greater than one can be expressed in two ways.



IMPROPER FRACTIONS

$$\frac{43}{8}$$

A fraction with a numerator that is greater than the denominator

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

- ① sum = numerator
- ④ denominator remains

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

STEP-BY-STEP POWERPOINT

FRACTIONS GREATER THAN ONE (39)

MIXED NUMBERS Fractions that are greater than one can be expressed in two ways.

IMPROPER FRACTIONS

43/8

A fraction with a numerator that is greater than the denominator

How many wholes are there? $3 \frac{2}{8}$ fraction remains?

How many pieces are there? $\frac{23}{6}$ How many pieces make one whole? $\frac{38}{9} = 4 \frac{2}{9}$

MIXED to IMPROPER

$9 \times 4 = 36$

$36 + 2 = 38$

$\frac{38}{9}$

IMPROPER to MIXED

$38 \div 9 = 4 \text{ r } 2$

$\frac{38}{9} = 4 \frac{2}{9}$

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

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

©2023 TeacherThrive.com



FRACTIONS GREATER THAN ONE (39) Set 5

MIXED NUMBERS

5 $\frac{3}{8}$

A combination of a whole number and a proper fraction

How many wholes are there?

Fractions that are greater than one can be expressed in two ways



IMPROPER FRACTIONS

4 $\frac{3}{8}$

A fraction with a numerator that is greater than or equal to the denominator

DETAILED ANSWER KEY

MIXED to IMPROPER

$$9 \times 4 = 36$$

$$36 + 2 = 38$$

$$4 \frac{2}{9} = \frac{38}{9}$$

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

IMPROPER to MIXED

$$38 \div 9 = 4 \text{ r}2$$

$$\frac{38}{9} = 4 \frac{2}{9}$$

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