

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!

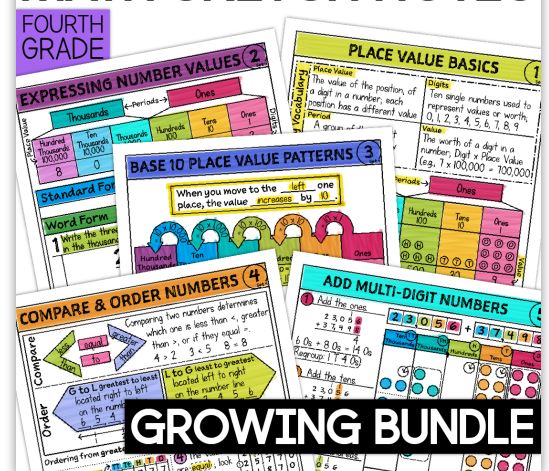
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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

ADDITION *with* MIXED NUMBERS

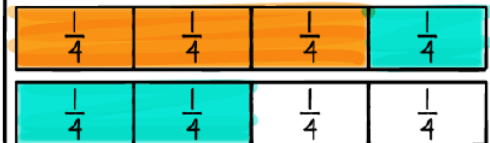
[Like Denominators]

42
Set 4

Sums Greater Than One

- ① Add the numerators; denominator remains
- ② Convert the improper fraction into a mixed #
- ③ Simplify, if possible.

$$\frac{3}{4} + \frac{3}{4} = \frac{6}{4} = 1 \frac{2}{4} = 1 \frac{1}{2}$$



Adding Mixed Numbers

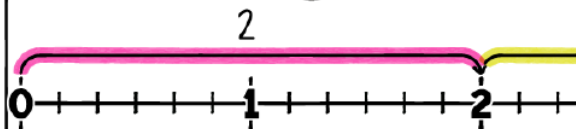
$$1 \frac{3}{8} + 2 \frac{7}{8} = 3 \frac{10}{8} = 4 \frac{2}{8} = 4 \frac{1}{4}$$



- ① Add the whole numbers
- ② Add the fractions
- ③ Improper fraction? *no* →
- ④ Simplify, if possible.

Number Line Model

$$2 \frac{1}{6} + 1 \frac{3}{6} = 3 \frac{4}{6} = 3 \frac{2}{3}$$



- ③a Convert to a mixed number and add to the whole number

GRADE 4

ADDITION with MIXED NUMBERS

[Like Denominators]

42
Set 4

Sums Greater Than One

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$$\frac{3}{4} + \frac{3}{4} = \frac{6}{4} = 1 \frac{2}{4}$$



Adding Mixed Numbers

$$1 \frac{3}{8} + 2 \frac{7}{8} = 3 \frac{10}{8} = 4 \frac{2}{8}$$



ADDITION with MIXED NUMBERS

[Like Denominators]

42
Set 4

Sums Greater Than One

- ① Add the numerators; denominator remains
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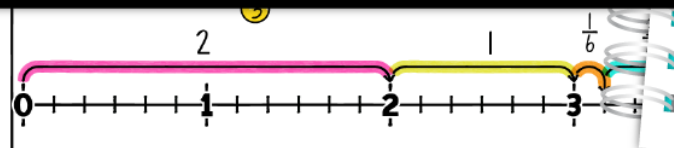


Adding Mixed Numbers

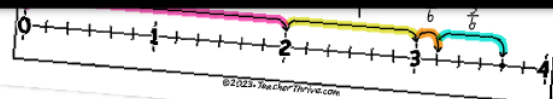
$$1 \frac{3}{8} + 2 \frac{7}{8} = 3 \frac{10}{8} = 4 \frac{2}{8}$$



2 SIZES: STANDARD US 8.5 × 11
& COMPOSITION NOTEBOOK



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STEP-BY-STEP POWERPOINT

ADDITION with MIXED NUMBERS (Like Denominators) 42

Sums Greater Than One

- ① Add the numerators; denominator remains
- ② Convert the improper fraction

$$\frac{3}{4} + \frac{3}{4} = \frac{6}{4} = 1\frac{2}{4} = 1\frac{1}{2}$$



$$3\frac{1}{8} + 3\frac{1}{8} = 6\frac{2}{8} = 3\frac{1}{4} = 4\frac{2}{8} = 4\frac{1}{4}$$



$$3\frac{1}{8} + 3\frac{1}{8} = 6\frac{2}{8} = 3\frac{1}{4} = 4\frac{2}{8} = 4\frac{1}{4}$$

Improper fraction? **no** → Simplify, if possible.

yes → **3a** Convert to a mixed number and add to the whole number.

Number Line Model

$$2\frac{1}{6} + 1\frac{3}{6} = 3\frac{4}{6} = 3\frac{2}{3}$$



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MacBook Pro

ADDITION with MIXED NUMBERS

[Like Denominators]

42
Set 4

Sums Greater Than One

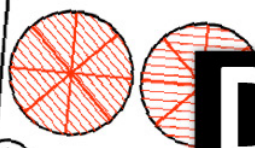
- ① Add the numerators; denominator remains
- ② Convert the improper fraction into a mixed #
- ③ Simplify, if possible.

$$\frac{3}{4} + \frac{3}{4} = \frac{6}{4} = 1 \frac{2}{4} = 1 \frac{1}{2}$$



Adding Mixed Numbers

$$1 \frac{3}{8} + 2 \frac{7}{8} = 3 \frac{10}{8} = 4 \frac{2}{8} = 4 \frac{1}{4}$$



- ① Add the whole numbers

DETAILED ANSWER KEY

Number Line Model

$$2 \frac{1}{6} + 1 \frac{3}{6} = 3 \frac{4}{6} = 3 \frac{2}{3}$$

- 3a Convert to a mixed number and add to the whole number

