

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!

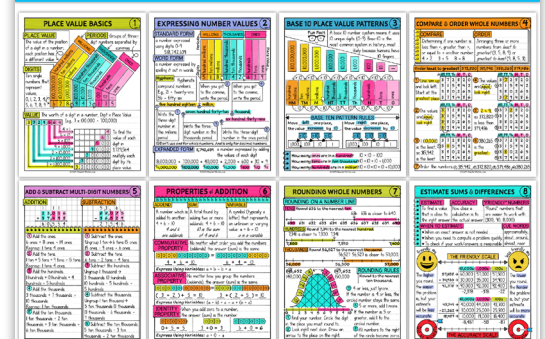
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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

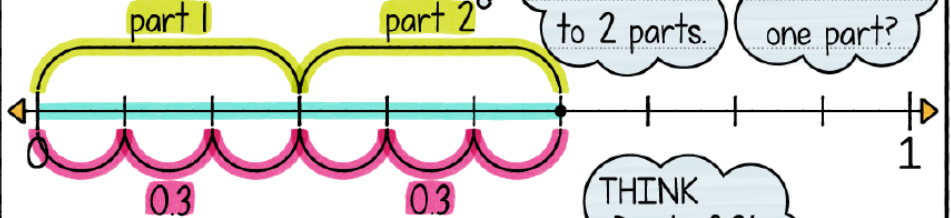
MATH SKETCH NOTES

DIVIDE DECIMALS BY WHOLE NUMBERS (66)

Set 5

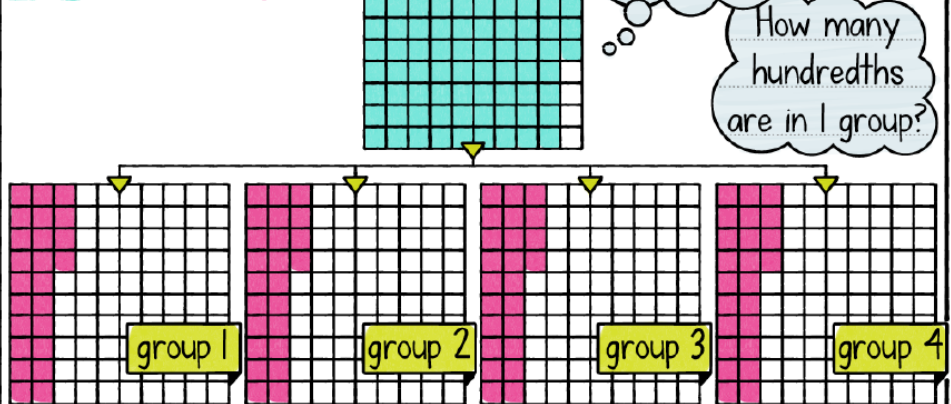
NUMBER LINE MODEL

$$0.6 \div 2 = 0.3$$



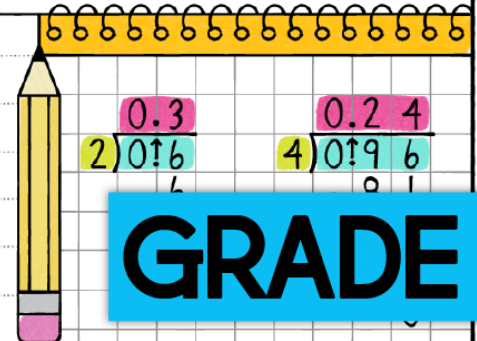
BASE-TEN MODEL

$$0.96 \div 4 = 0.24$$



STANDARD ALGORITHM

- 1 Set up the problem using a division bracket ().
- 2 Place a decimal point in the **quotient**, right above the one in the **dividend**.
- 3 Divide as usual.

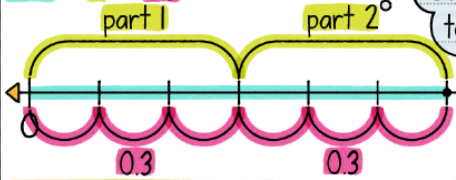


GRADE 5

DIVIDE DECIMALS BY WHOLE NUMBERS (66)

NUMBER LINE MODEL

$$0.6 \div 2 = 0.3$$

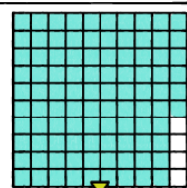


THINK
Divide 0.6 in
to 2 parts.

How many
tenths are
in one part?

BASE-TEN MODEL

$$0.96 \div 4 = 0.24$$



THINK
Divide 0.96 in
to 4 groups.

How many
hundredths
are in 1 group?

DIVIDE DECIMALS BY WHOLE NUMBERS (66)

NUMBER LINE MODEL

$$0.6 \div 2 = 0.3$$

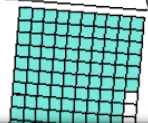


THINK
Divide 0.6 in
to 2 parts.

How many
tenths are in
one part?

BASE-TEN MODEL

$$0.96 \div 4 = 0.24$$



THINK
Divide 0.96 in
to 4 groups.

How many
hundredths

2 SIZES: STANDARD US 8.5 × 11 & COMPOSITION NOTEBOOK



- Place a decimal point in the quotient, right above the one in the dividend.
- Divide as usual.

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STEP-BY-STEP POWERPOINT

DIVIDE DECIMALS BY WHOLE NUMBERS (66)

NUMBER LINE MODEL

$$0.6 \div 2 = 0.3$$

part 1

part 2

THINK
Divide 0.6 in
to 2 parts.

How many
tenths are in
one part?

THINK
Divide 0.6 in
to 4 groups.

How many
hundredths
are in 1 group?

STANDARD ALGORITHM

- 1) Set up the problem using a division bracket (┌).
- 2) Place a decimal point in the **quotient**, right above the one in the **dividend**.
- 3) Divide as usual.

$$\begin{array}{r} 0.3 \\ 2 \overline{)0.6} \\ \underline{-6} \\ 0 \end{array}$$

$$\begin{array}{r} 0.24 \\ 4 \overline{)0.96} \\ \underline{-8} \downarrow \\ 16 \\ \underline{-16} \\ 0 \end{array}$$

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MacBook Pro

DIVIDE DECIMALS BY WHOLE NUMBERS (66)

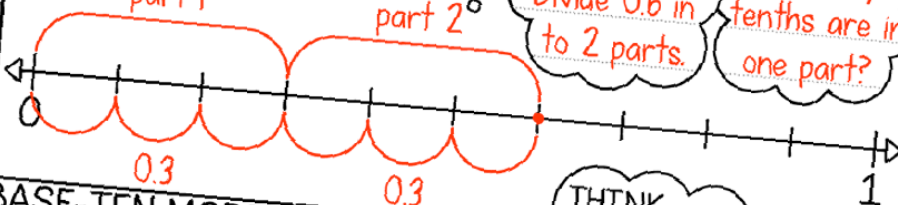
Set 5

NUMBER LINE MODEL

$$0.6 \div 2 = 0.3$$

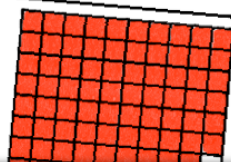
part 1

part 2

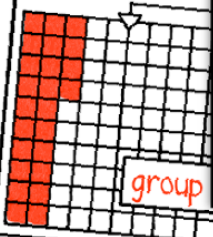


BASE-TEN MODEL

$$0.96 \div 4 = 0.24$$



THINK
Divide 0.96 in
to 4 groups.
How many



group



group 2



group 3



group 4

STANDARD ALGORITHM

- 1 Set up the problem using a division bracket ($\overline{)}$.
- 2 Place a decimal point in the quotient, right above the one in the dividend.
- 3 Divide as usual.



$$\begin{array}{r} 0.3 \\ 2 \overline{)0.6} \\ \underline{-6} \\ 0 \end{array}$$

$$\begin{array}{r} 0.24 \\ 4 \overline{)0.96} \\ \underline{-8} \downarrow \\ 16 \\ \underline{-16} \\ 0 \end{array}$$

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