

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!

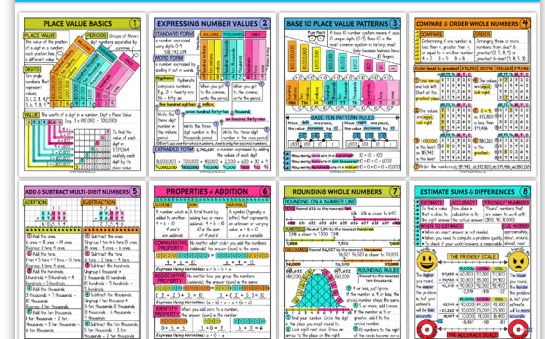
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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 as DIVISION

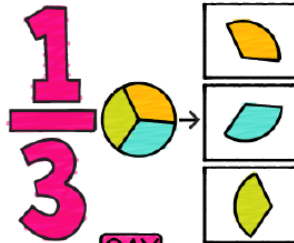
51
Set 5

Fun Fact: Every fraction is a division problem.

fraction = $\frac{\text{dividend}}{\text{divisor}}$ = $\text{divisor} \overline{) \text{dividend}}$

DIVISOR The number that divides a given number
DIVIDEND The number that is divided by the divisor

3 friends share 1 pizza.



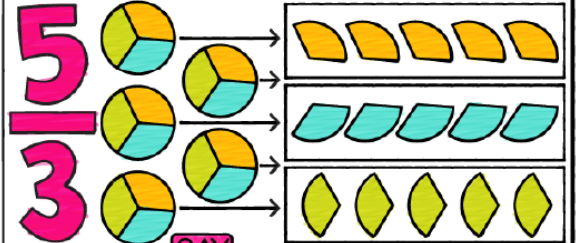
SAY

1 divided by 3 **fraction:** $\frac{1}{3}$

symbol: $1 \div 3$ **bracket:** $3 \overline{) 1}$

Each friend gets $\frac{1}{3}$ pizza.

3 friends share 5 pizzas.



SAY

5 divided by 3 **fraction:** $\frac{5}{3} = 1 \frac{2}{3}$

symbol: $5 \div 3$ **bracket:** $3 \overline{) 5}$

Each friend gets $1 \frac{2}{3}$ pizzas.

YOUR TURN

6 boys share 20 cookies.

$\frac{20}{6} = 3 \frac{2}{6} = 3 \frac{1}{3}$

$20 \div 6$

$6 \overline{) 20}$

Each boy gets

$3 \frac{1}{3}$ cookies.

9 kids share 15 crackers.

$\frac{15}{9} = 1 \frac{6}{9} = 1 \frac{2}{3}$

$15 \div 9$

$9 \overline{) 15}$

Each kid gets

$1 \frac{2}{3}$ crackers

5 cats share 12 lbs. of fish.

$\frac{12}{5} = 2 \frac{2}{5}$

$12 \div 5$

Each cat gets

$2 \frac{2}{5}$ lbs of fish.

4 girls share 19 cupcakes.

$\frac{19}{4} = 4 \frac{3}{4}$

$19 \div 4$

Each girl gets

$4 \frac{3}{4}$ cupcakes.

GRADE 5

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FRACTIONS as DIVISION 51 Set 5

Fun Fact Every fraction is a division problem.

fraction $\frac{h}{d} = h \div d = d \overline{)h}$

divisor **DIVISOR** The number that divides a given number

dividend **DIVIDEND** The number that is divided by the divisor

3 friends share 1 pizza. $\frac{1}{3}$

3 friends share 5 pizzas. $\frac{5}{3}$

FRACTIONS as DIVISION 51 Set 5

Fun Fact Every fraction is a division problem.

fraction $\frac{h}{d} = h \div d = d \overline{)h}$

divisor **DIVISOR** The number that divides a given number

dividend **DIVIDEND** The number that is divided by the divisor

3 friends share 1 pizza. $\frac{1}{3}$

3 friends share 5 pizzas. $\frac{5}{3}$

**2 SIZES: STANDARD US 8.5 × 11
& COMPOSITION NOTEBOOK**



symbol $\rightarrow$	$6 \overline{)20}$	$9 \overline{)15}$	$5 \overline{)12}$
	Each boy gets $3\frac{1}{3}$ cookies.	Each kid gets $1\frac{2}{3}$ crackers.	Each cat gets $2\frac{2}{5}$ lbs of fish.

Each boy gets $3\frac{1}{3}$ cookies.	Each kid gets $1\frac{2}{3}$ crackers.	Each cat gets $2\frac{2}{5}$ lbs of fish.	Each girl gets $3\frac{3}{4}$ cupcakes.
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STEP-BY-STEP POWERPOINT

FRACTIONS as DIVISION 51 sets

Fun Fact: Every fraction is a division problem.

Labels: dividend, symbol, divisor, bracket, dividend

Visuals: $\frac{n}{d} = n \div d = d \overline{)n}$

DIVIDEND: The number that is divided by the divisor.
 5 friends share 5 pizzas.

SAY: $\frac{5}{3} = 1\frac{2}{3}$

Divided by 3 fractions:
 symbol: $1 \div 3$ bracket: $3 \overline{)1}$ Each friend gets $\frac{1}{3}$ pizza.
 symbol: $5 \div 3$ bracket: $3 \overline{)5}$ Each friend gets $1\frac{2}{3}$ pizzas.

YOUR TURN	6 boys share 20 cookies.	1 kid share 15 crackers.	5 cats share 12 lbs. of fish.	4 girls share 19 cupcakes.
fraction	$\frac{20}{6} = 3\frac{2}{3} = 3\frac{1}{3}$	$\frac{15}{1} = 1\frac{4}{5} = 1\frac{2}{5}$	$\frac{12}{5} = 2\frac{2}{5}$	$\frac{19}{4} = 4\frac{3}{4}$
symbol	$20 \div 6$	$15 \div 1$	$12 \div 5$	$19 \div 4$
bracket	$6 \overline{)20}$	$1 \overline{)15}$	$5 \overline{)12}$	$4 \overline{)19}$
	Each boy gets $3\frac{1}{3}$ cookies.	Each kid gets $1\frac{2}{5}$ crackers.	Each cat gets $2\frac{2}{5}$ lbs of fish.	Each girl gets $4\frac{3}{4}$ cupcakes.

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FRACTIONS as DIVISION

51

Set 5

Fun Fact

Every fraction is a division problem.

fraction = $\frac{h}{d} = h \div d = d \overline{)h}$

dividend (h), divisor (d), symbol ($\div$), bracket ($\overline{)}$)

DIVISOR

The number

that divides a given number

DIVIDEND

The number

that is divided by the divisor

3 friends share 1 pizza.

3 friends share 5 pizzas.

$\frac{1}{3}$

SAY

1 divided by 3

symbol: $1 \div 3$

Each friend gets $\frac{1}{3}$ pizza.

Each friend gets $1\frac{2}{3}$ pizzas.

YOUR TURN	6 boys share 20 cookies.	9 kids share 15 crackers.	5 cats share 12 lbs. of fish.	4 girls share 19 cupcakes.
fraction	$\frac{20}{6} = 3\frac{2}{6} = 3\frac{1}{3}$	$\frac{15}{9} = 1\frac{6}{9} = 1\frac{2}{3}$	$\frac{12}{5} = 2\frac{2}{5}$	$\frac{19}{4} = 4\frac{3}{4}$
symbol	$20 \div 6$	$15 \div 9$	$12 \div 5$	$19 \div 4$
bracket	$6 \overline{)20}$	$9 \overline{)15}$	$5 \overline{)12}$	$4 \overline{)19}$
	Each boy gets $3\frac{1}{3}$ cookies.	Each kid gets $1\frac{2}{3}$ crackers.	Each cat gets $2\frac{2}{5}$ lbs of fish.	Each girl gets $4\frac{3}{4}$ cupcakes.

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