

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!

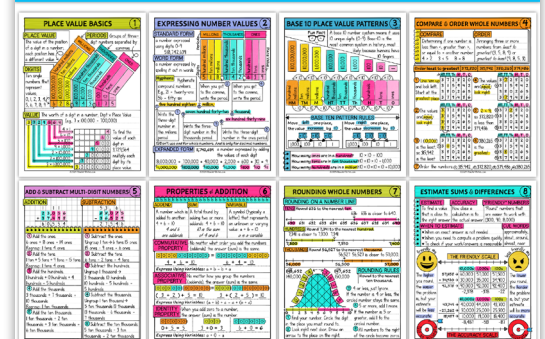
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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

A stack of four spiral-bound notebooks with bright, solid-colored covers: blue, green, yellow, and pink. The notebooks are stacked diagonally, showing the silver metal spiral binding on the right side of each cover.

17
Set 5



36,000 $\div$ **90** = **400**

-

LOOK FOR THE PATTERN

				5	6	÷	8	=	7			
5	6	0	0	0	0	÷	8	0	=	7	0	0
5	6	0	0	0	0	÷	8	0	0	=	7	0
5	6	0	0	0	0	÷	8	0	0	0	=	7
5	6	0	0	0	0	÷	8	0	0	0	0	=

[illegible]

APPLY THE PATTERN TO FIND THE MISSING...

QUOTIENTS

$$28,000 \div 40 = \underline{700}$$

$$40,000 \div 800 = \underline{50}$$

$$\begin{array}{r} 8,000 \\ 60 \overline{) 480,000} \end{array}$$

DIVISORS

$$54,000 \div \underline{90} = 600$$

$$96,000 \div \underline{120} = 800$$

$$\begin{array}{r} 40 \\ 800 \overline{) 32,000} \end{array}$$

DIVIDENDS

$$\underline{1,800} \div 30 = 60$$

GRADE 5

DIVIDE COMPATIBLE NUMBERS 17

When dividing, compatible numbers are divisors and dividends that are easy to solve because they contain a basic math fact.

$$36,000 \div 90 = 400$$

- 1 Find and solve the basic math fact.
- 2 Count the number of zeros in the dividend and subtract the number of zeros in the divisor.

LOOK FOR THE PATTERN

56	$\div 8 = 7$
560,000	$\div 80 = 7,000$
560,000	$\div 800 = 700$
560,000	$\div 8,000 = 70$

DIVIDE COMPATIBLE NUMBERS 17

When dividing, compatible numbers are divisors and dividends that are easy to solve because they contain a basic math fact.

$$36,000 \div 90 = 400$$

- 1 Find and solve the basic math fact.
- 2 Count the number of zeros in the dividend and subtract the number of zeros in the divisor.

LOOK FOR THE PATTERN

56	$\div 8 = 7$
560,000	$\div 80 = 7,000$
560,000	$\div 800 = 700$
560,000	$\div 8,000 = 70$

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



$$40,000 \div 800 = 50$$

$$\begin{array}{r} 8,000 \\ 60 \overline{)480,000} \end{array}$$

$$16,000 \div 120 = 800$$

$$\begin{array}{r} 40 \\ 800 \overline{)32,000} \end{array}$$

$$42,000 \div 70 = 600$$

$$\begin{array}{r} 600 \\ 70 \overline{)42,000} \end{array}$$

$$\begin{array}{r} 8,000 \\ 60 \overline{)480,000} \end{array}$$

$$\begin{array}{r} 40 \\ 800 \overline{)32,000} \end{array}$$

$$\begin{array}{r} 5,000 \\ 70 \overline{)350,000} \end{array}$$

STEP-BY-STEP POWERPOINT

DIVIDE COMPATIBLE NUMBERS 17

When dividing, compatible numbers are divisors and dividends that are easy to solve because they contain a basic math fact.

$$36,000 \div 90 = 400$$

FOR THE PATTERN

56	÷	8	=	7	0 0 0
560	÷	80	=	7	0 0
5600	÷	800	=	7	0
56000	÷	8000	=	7	
560000	÷	80000	=	7	
24	÷	4	=	6	0 0 0
240	÷	40	=	6	0 0
2400	÷	400	=	6	0
24000	÷	4000	=	6	
240000	÷	40000	=	6	

APPLY THE PATTERN TO FIND THE MISSING...

QUOTIENTS	DIVISORS	DIVIDENDS
$28,000 \div 40 = 700$	$54,000 \div 90 = 600$	$1,800 \div 30 = 60$
$40,000 \div 800 = 50$	$16,000 \div 120 = 800$	$42,000 \div 600 = 70$
$\begin{array}{r} 8,000 \\ 60 \overline{)480,000} \end{array}$	$\begin{array}{r} 40 \\ 800 \overline{)32,000} \end{array}$	$\begin{array}{r} 5,000 \\ 70 \overline{)350,000} \end{array}$

©2021 TeacherThrive.com

MacBook Pro

DIVIDE COMPATIBLE NUMBERS (17)

Set 5

When dividing, compatible numbers are divisors and dividends that are easy to solve because they contain a basic math fact.

$$36,000 \div 90 = 400$$

- Find and solve the basic math fact.
- Count the number of zeros in the dividend and subtract the number the divisor has. The difference is the number of zeros to place in the quotient.

LOOK FOR THE PATTERN

56	÷ 8	= 7
560,000	÷ 80	= 70,000

DETAILED ANSWER KEY

APPLY THE PATTERN TO FIND THE MISSING...

QUOTIENTS	DIVISORS	DIVIDENDS
$28,000 \div 40 = 700$	$54,000 \div 90 = 600$	$1,800 \div 30 = 60$
$40,000 \div 800 = 50$	$96,000 \div 120 = 800$	$42,000 \div 600 = 70$
$\begin{array}{r} 8,000 \\ 60 \overline{) 480,000} \end{array}$	$\begin{array}{r} 40 \\ 800 \overline{) 32,000} \end{array}$	$\begin{array}{r} 5,000 \\ 70 \overline{) 350,000} \end{array}$

