

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!

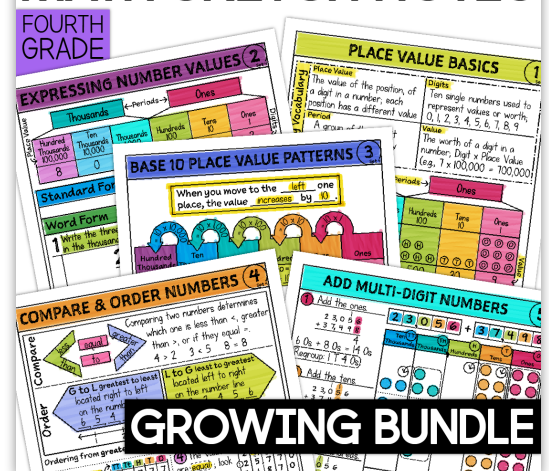
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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

EXPRESSING DECIMAL PLACE VALUE 48

Set 4

Word Form

Ones	Tenths	Hundredths
0.7		
0.04		
0.29		
0.17		

① Write the number as if a whole number.

② Write the place of the last digit.

① seven tenths
② four hundredths
③ twenty-nine hundredths
④ seventeen hundredths

Hyphens

Hyphenate compound numbers.
E.g., 21 = twenty-one
56 = fifty-six

Place Value	Hundreds 100	Tens 10	Ones 1	Tenths 0.1	Hundredths 0.01	Digits
	6	4	2	8	7	

Standard Form

① Write the three-digit number in the ones period.

② When you get to the decimal point, write and

③ Write the number as if a whole number.

④ Write the place of the last digit.

① six hundred forty-two

② and

③ eighty-seven

④ hundredths

Expanded Form

a number expressed using the values of each digit added together

Hundreds Tens Ones Tenths Hundredths
 $(\underline{6} \times 100) + (\underline{4} \times 10) + (\underline{2} \times 1) + (\underline{8} \times 0.1) + (\underline{7} \times 0.01)$
 $\underline{600} + \underline{40} + \underline{2} + \underline{0.8} + \underline{0.07}$

GRADE 4

EXPRESSING DECIMAL PLACE VALUE (48)

Word Form

Ones	Tenths	Hundredths
0.7		
0.04		
0.29		
0.17		

1 Write the number as if a whole number.

2 Write the place of the last digit.

1 seven tenths
2 four hundredths
21 twenty-nine hundredths
17 seventeen hundredths

Hyphens

Hyphenate compound numbers.
E.g. 21 = twenty-one
56 = fifty-six

Place Value	Hundreds	Tens	Ones	Tenths	Hundredths
	100	10	1	0.1	0.01
	6	4	2	8	

Standard Form

EXPRESSING DECIMAL PLACE VALUE (48)

Word Form

Ones	Tenths	Hundredths
0.7		
0.04		
0.29		
0.17		

1 Write the number as if a whole number.

2 Write the place of the last digit.

1 seven tenths
2 four hundredths
21 twenty-nine hundredths
17 seventeen hundredths

Hyphens

Hyphenate compound numbers.
E.g. 21 = twenty-one
56 = fifty-six

Place Value	Hundreds	Tens	Ones	Tenths	Hundredths
	100	10	1	0.1	0.01
	6	4	2	8	

2 SIZES: STANDARD US 8.5 × 11
& COMPOSITION NOTEBOOK



$$(6 \times 100) + (4 \times 10) + (2 \times 1) + (8 \times 0.1) + (0 \times 0.01)$$

$$600 + 40 + 2 + 0.8 + 0.00$$

©2024 TeacherThrive.com

$$600 + 40 + 2 + 0.8 + 0.00$$

©2024 TeacherThrive.com

STEP-BY-STEP POWERPOINT

EXPRESSING DECIMAL PLACE VALUE (48)

Word Form



1 Write the number as if a whole number.

2 Write the place of the last digit.

0.7 → 1 seven 2 tenths

Hyphens

Hyphenate compound numbers.
Eg, 21 = twenty-one
56 = fifty-six



3 Write the number as if a whole number.

4 Write the place of the last digit.

1 six hundred forty-two

2 and

3 eighty-seven

4 hundredths

Expanded Form

a number expressed using the values of each digit added together

$$\begin{array}{c} \text{Hundreds} \quad \text{Tens} \quad \text{Ones} \quad \text{Tenths} \quad \text{Hundredths} \\ (6 \times 100) + (4 \times 10) + (2 \times 1) + (8 \times 0.1) + (7 \times 0.01) \\ 600 + 40 + 2 + 0.8 + 0.07 \end{array}$$

©2024 TeacherThrive.com

MacBook Pro



EXPRESSING DECIMAL PLACE VALUE (48) Set 4

Word Form

Ones	Tenths	Hundredths
0.7		
0.04		
0.29		
0.17		

① Write the number as if a whole number.

② Write the place of the last digit.

① seven
② tenths
four hundredths
twenty-nine hundredths
seventeen hundredths

Hyphens

Hyphenate compound numbers.
E.g., 21 = twenty-one
56 = fifty-six

Place Value

Hundreds	Tens	Ones	Tenths	Hundredths
100	10	1	0.1	0.01
6				

① Write the three-digit number in the ones place

① six hundred forty-two

② and ③ eighty-seven ④ hundredths

Expanded Form

a number expressed using the values of each digit added together

$$\begin{array}{c}
 \text{Hundreds} \quad \text{Tens} \quad \text{Ones} \quad \text{Tenths} \quad \text{Hundredths} \\
 (6 \times 100) + (4 \times 10) + (2 \times 1) + (8 \times 0.1) + (7 \times 0.01) \\
 600 + 40 + 2 + 0.8 + 0.07
 \end{array}$$