

MATH SKETCH NOTES

NUMBERS in EXPANDED FORM

3

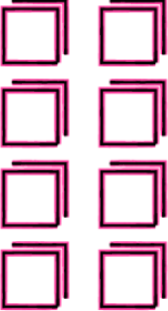
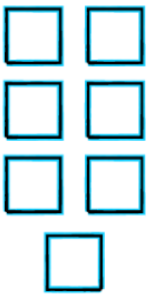
Set 3

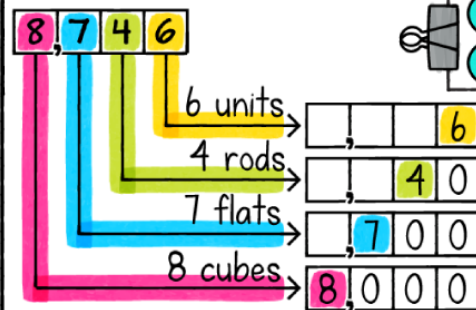
STANDARD FORM

A number expressed using digits 0-9. Example: 8,746

EXPANDED FORM

A number expressed by adding the values of each digit

	THOUSANDS 1,000	HUNDREDS 100	TENS 10	ONES 1
Place Value	cubes	flats	rods	units
				
Digits	8,000 8	700 7	40 4	6 6



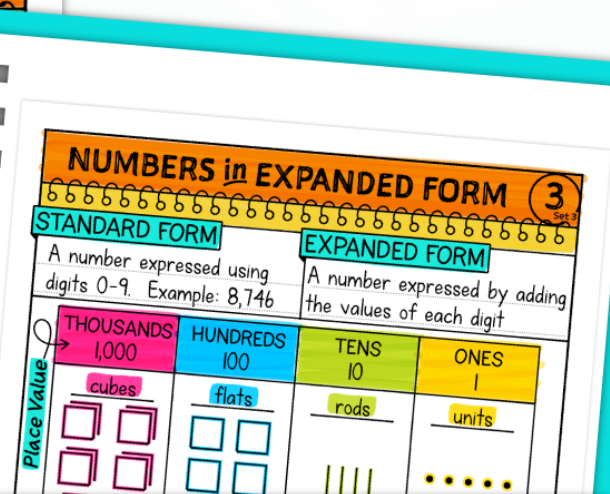
- Find the value of each digit.
- Add each of the values.

$$8,000 + 700 + 40 + 6$$

(1,000)



GRADE 3



4 rods →

		4	0
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 $\frac{8,000}{(1,000)} + \frac{700}{(100)}$

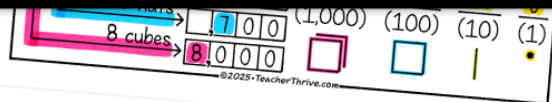
7 flats →

	7	0	0
--	---	---	---

8 cubes →

8	0	0	0
---	---	---	---

 $\frac{700}{(100)}$



STEP-BY-STEP POWERPOINT

NUMBERS in EXPANDED FORM 3

STANDARD FORM
A number expressed using digits 0-9. Example: 8,746

EXPANDED FORM
A number expressed by adding the values of each digit

	TENS 10 rods	ONES 1 units
		•••••

Digit	8,000 8	700 7	40 4	6 6

1 Find the value of each digit.
2 Add each of the values.

8,000 + 700 + 40 + 6
(1,000) (100) (10) (1)

8 units → 6
4 rods → 40
7 flats → 700
8 cubes → 8,000

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NUMBERS in EXPANDED FORM

3

Set 3

STANDARD FORM

A number expressed using digits 0-9. Example: 8,746

EXPANDED FORM

A number expressed by adding the values of each digit

Place Value	THOUSANDS	HUNDREDS	TENS	ONES
	1,000	100	10	1
Digits	cubes	flats	rods	units
	8,000	700	40	6

DETAILED ANSWER KEY

8,746

6 units
4 rods
7 flats
8 cubes

6
40
700
8,000

- Find the value of each digit.
- Add each of the values.

$$\frac{8,000}{(1,000)} + \frac{700}{(100)} + \frac{40}{(10)} + \frac{6}{(1)}$$

MATH SKETCH NOTES

MATH SKETCH NOTES

These 3rd-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!

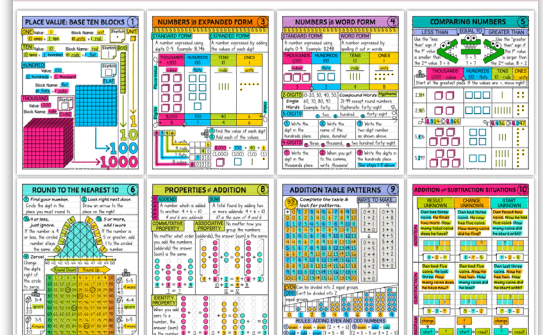
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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!!!

**THIRD GRADE MATH
GUIDED SKETCH NOTES**



GROWING BUNDLE!!!