

MATH SKETCH NOTES

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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!

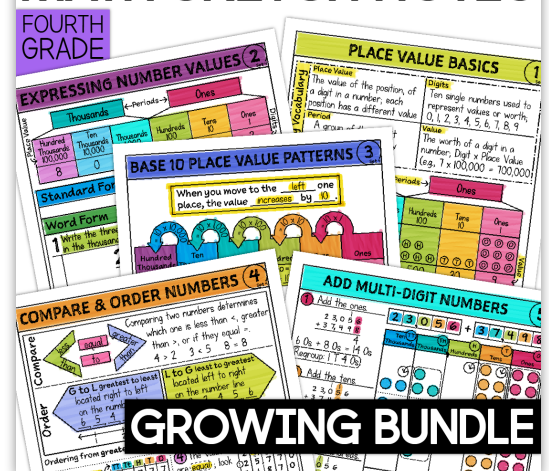
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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

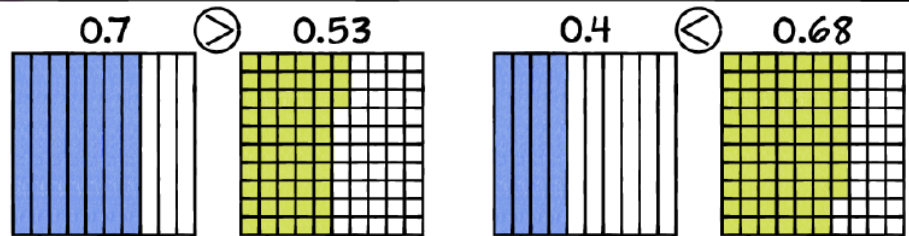


MATH SKETCH NOTES

COMPARE & ORDER DECIMAL NUMBERS (52)

Set 4

COMPARE Comparing two numbers determines which one is less than $<$, greater than $>$, or if they are equal $=$.



ORDER Ordering three or more numbers in order of *least to greatest* or *greatest to least*
Order from least to greatest 0.62 0.23 0.6

① **Line up** the numbers by place value.

O	T ^{ths}	H ^{ths}
0	6	2
0	2	3
0	6	0

⑤ 6 (0.6) is greater than 2 (0.2), so **0.23 is the least**.

O	T ^{ths}	H ^{ths}
0	6	2
① 0	② 2	3
0	6	0

② Add **place holder zeros**. Remember: $0.6 = 0.60$

O	T ^{ths}	H ^{ths}
0	6	2
0	2	3
0	6	0

⑥ The values (0.6 - 6 tenths) are **equal**; look right

O	T ^{ths}	H ^{ths}
0	⑥ 6	2
① 0	② 2	3
0	⑥ 6	0

③ **Look left!** Start comparing at the **greatest place**.

O	T ^{ths}	H ^{ths}
③ 0	6	2
0	2	3
0	6	0

⑦ **0 hundredths** $<$ 2 hundredths, so $0.6 < 0.62$

O	T ^{ths}	H ^{ths}
③ 0	6	2
① 0	2	3
0	6	0

④ The values are **equal**; look right for different values.

⑧ **Order** ① 0.23 $<$ ② 0.6 $<$ ③ 0.62

GRADE 4

COMPARE & ORDER DECIMAL NUMBERS (52)

COMPARE Comparing two numbers determines which one is less than $<$, greater than $>$, or if they are equal $=$.

0.7

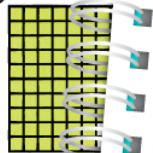
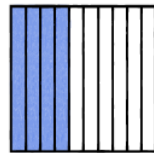
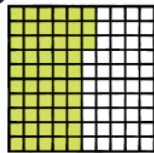
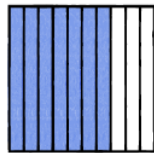
$>$

0.53

0.4

$<$

0.68



ORDER Ordering three or more numbers in order of *to greatest* or *greatest to least*.

Order from **least to greatest**

0.62 0.23

1 Line up the numbers by place.

0.6 0.2

5 6 (0.6) is greater than 2 (0.2)

COMPARE & ORDER DECIMAL NUMBERS (52)

COMPARE Comparing two numbers determines which one is less than $<$, greater than $>$, or if they are equal $=$.

0.7

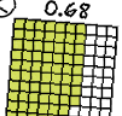
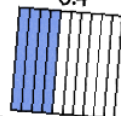
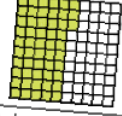
$>$

0.53

0.4

$<$

0.68



ORDER Ordering three or more numbers in order of *to greatest* or *greatest to least*.

Order from **least to greatest**

0.62 0.23

2 SIZES: STANDARD US 8.5 × 11 & COMPOSITION NOTEBOOK



greatest place.

0.6 0

so $0.6 < 0.62$

4 The values are equal.
look right for different values.

8 Order in the original form.
 $0.23 < 0.6$

4 The values are equal.
look right for different values.

8 Order in the original form.
 $0.23 < 0.6 < 0.62$

STEP-BY-STEP POWERPOINT

COMPARE & ORDER DECIMAL NUMBERS (52)

COMPARE Comparing two numbers determines which one is less than $<$, greater than $>$, or if they are equal $=$.



Order the numbers in order of least

0.62 0.23 0.6

0.6 (0.6) is greater than 2 (0.2),
0.23 is the least.

2 Add place holder zeros. Remember:
 $0.6 = 0.60$



6 The values (0.6 - 6 tenths) are equal; look right



3 Look left! Start comparing at the greatest place.



7 0 hundredths $<$ 2 hundredths, so $0.6 < 0.62$



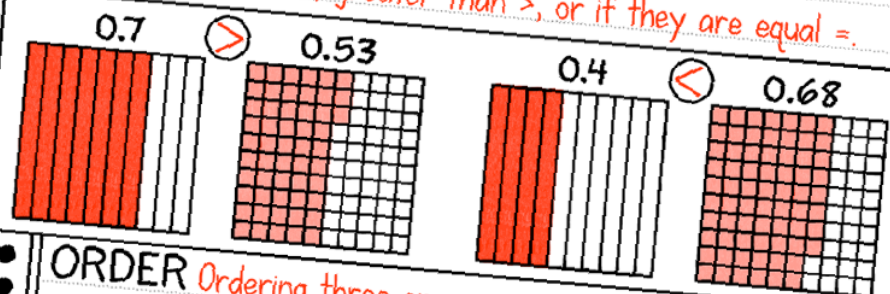
4 The values are equal; look right for different values.

8 Order in the original form:
 $0.23 < 0.6 < 0.62$

MacBook Pro

COMPARE & ORDER DECIMAL NUMBERS (52)

COMPARE Comparing two numbers determines which one is less than $<$, greater than $>$, or if they are equal $=$.



ORDER Ordering three or more numbers in order of least to greatest or greatest to least
Order from least to greatest

① Line up numbers by place value.

② Add place value zeros. Remember:
 $0.6 = 0.60$

③ Look left! Start comparing at the greatest place.

④ The values are equal; look right for different values.

⑤ The values (0.6 - 6 tenths) are equal; look right

⑦ 0 hundredths $<$ 2 hundredths, so $0.6 < 0.62$

⑧ Order in the original form.
① 0.23 $<$ ② 0.6 $<$ ③ 0.62

DETAILED ANSWER KEY