

MATH SKETCH NOTES

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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!

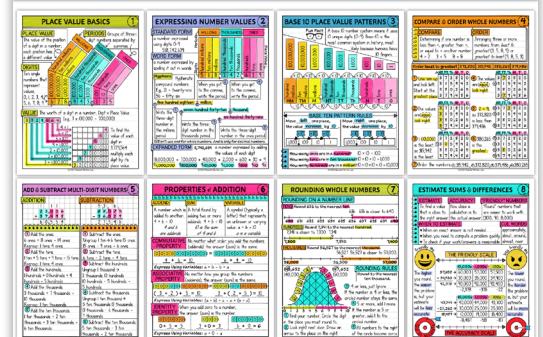
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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



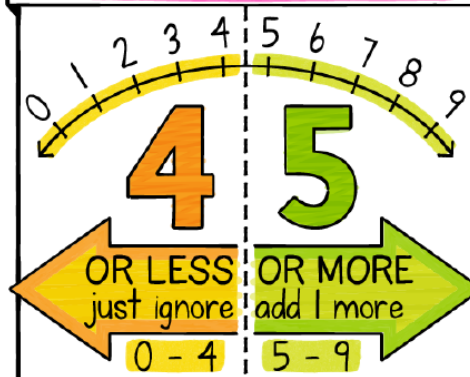
GROWING BUNDLE

MATH SKETCH NOTES

ESTIMATING PRODUCTS

15
Set 5

ROUNDING REVIEW



Estimate: 57×932

- 1 Round the factors.
Usually to the highest place
- 2 Find and solve the basic math fact.
- 3 Count the number of zeros in the factors.
- 4 Place the same number of zeros in the product.

$$\underbrace{60}_{(1)} \times \underbrace{900}_{(2)(3)} = \underbrace{54,000}_{(1)(2)(3)}$$

Estimate: $12,645 \times 48$

Don't automatically round to the highest place. Look for basic math facts.

$$\underbrace{12,000}_{(1)(2)(3)} \times \underbrace{50}_{(4)} = \underbrace{600,000}_{(1)(2)(3)}$$

Don't miscount zeros when a math fact contains zero in the product.

$$\begin{array}{r} 4,236 \rightarrow 4,000 \\ \times 78 \rightarrow \times 80 \\ \hline \text{is about } 320,000 \end{array}$$

$$\begin{array}{r} 636 \rightarrow 600 \\ \times 542 \rightarrow \times 500 \\ \hline \text{is about } 300,000 \end{array}$$

GRADE 5

ESTIMATING PRODUCTS

15

Set 5

ROUNDING REVIEW

0 1 2 3 4 5 6 7 8 9

4 5

OR LESS just ignore 0-4

OR MORE add 1 more 5-9

60 × 900 = 54,000

1 2 3 1

Estimate: 57 × 932

1 Round the factors. Usually to the highest place value.

2 Find and solve the basic math fact.

3 Count the number of zeros in the factors.

4 Place the same number of zeros in the product.

ESTIMATING PRODUCTS

15

Set 6

ROUNDING REVIEW

0 1 2 3 4 5 6 7 8 9

4 5

OR LESS just ignore 0-4

OR MORE add 1 more 5-9

60 × 900 = 54,000

1 2 3 1

Estimate: 57 × 932

1 Round the factors. Usually to the highest place value.

2 Find and solve the basic math fact.

3 Count the number of zeros in the factors.

4 Place the same number of zeros in the product.

2 SIZES: STANDARD US 8.5 × 11 & COMPOSITION NOTEBOOK



1 2 3 4

Don't miscount zeros when a math fact contains zero in the product.

1,236 × 382

is about

Don't miscount zeros when a math fact contains zero in the product.

1,236 → 1,200

× 382 → × 400

is about 480,000

STEP-BY-STEP POWERPOINT

ESTIMATING PRODUCTS

15 Sets

ROUNDING REVIEW



Estimate: 57×932

- 1 Round the factors.
Usually to the highest place
- 2 Find and solve the basic math fact.
- 3 Count the number of zeros in the factors.
- 4 Place the same number of zeros in the product.

54 000

Don't automatically round to the highest place. Look for basic math facts.

$$\begin{array}{r} 12\,000 \times 50 \\ \hline = 600\,000 \end{array}$$

Don't miscount zeros when a math fact contains zero in the product.

$$\begin{array}{r} 4,236 \rightarrow 4,000 \\ \times 78 \rightarrow \times 80 \\ \hline \text{is about } 320,000 \end{array}$$

$$\begin{array}{r} 636 \rightarrow 600 \\ \times 542 \rightarrow \times 500 \\ \hline \text{is about } 300,000 \end{array}$$

$$\begin{array}{r} 1,236 \rightarrow 1,200 \\ \times 382 \rightarrow \times 400 \\ \hline \text{is about } 480,000 \end{array}$$

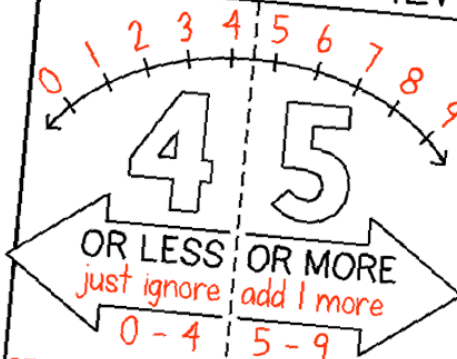
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MacBook Pro

ESTIMATING PRODUCTS

15
Set 5

ROUNDING REVIEW



Estimate: 57×932

- 1 Round the factors. Usually to the highest place
- 2 Find and solve the basic math fact.
- 3 Count the number of zeros in the factors.
- 4 Place the same number of zeros in the product

60

Estimate: 12

Don't automatically place. Look for

$$12,000 \times 50 = 600,000$$

Don't miscount zeros when a math fact contains zero in the product.

DETAILED ANSWER KEY

is about 320,000

$$\begin{array}{r} 636 \rightarrow 600 \\ \times 542 \rightarrow \times 500 \\ \hline \text{is about } 300,000 \end{array}$$

$$\begin{array}{r} 1,236 \rightarrow 1,200 \\ \times 382 \rightarrow \times 400 \\ \hline \text{is about } 480,000 \end{array}$$