

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!

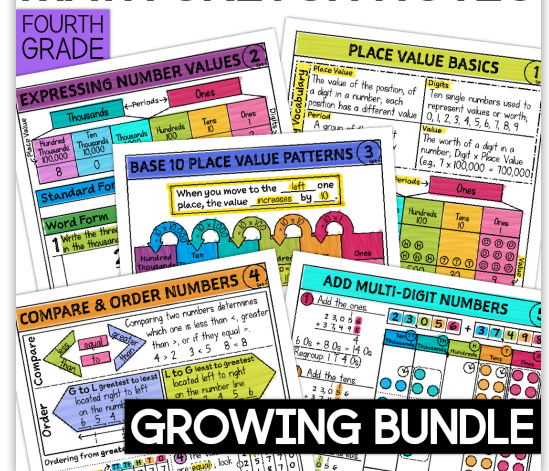
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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

ESTIMATING PRODUCTS

21
Set 4

Rounding

Review

Rounding Poem
Find your number.
Look right next door.
4 or less, just ignore.
5 or more, add 1 more.

① 83×384
Round the factors to the highest place.

② Find and solve the basic math fact.

③ Count the zeros in the factors.

④ Place the same number of zeros in the product.

$80 \times 400 = 32,000$

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

$6,000 \times 50 = 300,000$

Estimate
 $865 \rightarrow 900$
 $\times 43 \rightarrow \times 40$
is about $\rightarrow 36,000$

GRADE 4

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Teacher
THRIVE

ESTIMATING PRODUCTS

21 Set 4

Rounding Review

Rounding Poem
Find your number.
Look right next door.
4 or less, just ignore.
5 or more, add 1 more.

40 41 42 43 44 45 46 47 48 49 50

- 1** 83×384
Round the factors to the highest place.
- 2** Find and solve the basic math fact.
- 3** Count the zeros in the factors.
- 4** Place the same number of zeros in the product.

ESTIMATING PRODUCTS

21 Set 4

Rounding Review

Rounding Poem
Find your number.
Look right next door.
4 or less, just ignore.
5 or more, add 1 more.

40 41 42 43 44 45 46 47 48 49 50

- 1** 83×384
Round the factors to the highest place.
- 2** Find and solve the basic math fact.
- 3** Count the zeros in the factors.
- 4** Place the same number of zeros in the product.

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



5,327 →
× 78
is about →

300,000

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5,327 → 5,000
× 78 → × 80
is about → 400,000

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STEP-BY-STEP POWERPOINT

ESTIMATING PRODUCTS (21)

Rounding
Review

Rounding Poem
Find your number.
Look right next door.
4 or less, just ignore.
5 or more, add 1 more.

Count the zeros in the factors.

Place the same number of zeros in the product.

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

Estimate

$865 \rightarrow 900$
 $\times 43 \rightarrow \times 40$
is about $\rightarrow 36,000$

$5,327 \rightarrow 5,000$
 $\times 78 \rightarrow \times 80$
is about $\rightarrow 400,000$

$6,000 \times 50 = 300,000$

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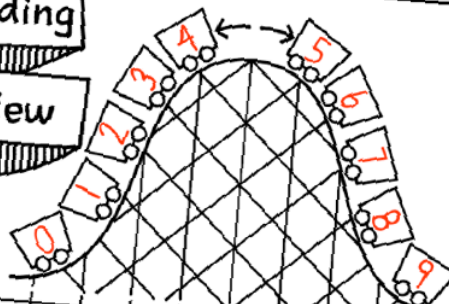
ESTIMATING PRODUCTS

21

Set 4

Rounding

Review



Rounding Poem

Find your number.
Look right next door.
4 or less, just ignore.
5 or more, add 1 more.

①

$$83 \times 384$$

Round the factors to the highest place

$$80 \times$$

②

Find and solve the

③

Count the zeros

④

Place the

DETAILED ANSWER KEY

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

$$6,000 \times 50 = 300,000$$

Estimate

$$865 \rightarrow 900$$

$$\times 43 \rightarrow \times 40$$

is about $\rightarrow 36,000$

$$5,327 \rightarrow 5,000$$

$$\times 78 \rightarrow \times 80$$

is about $\rightarrow 400,000$