

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!

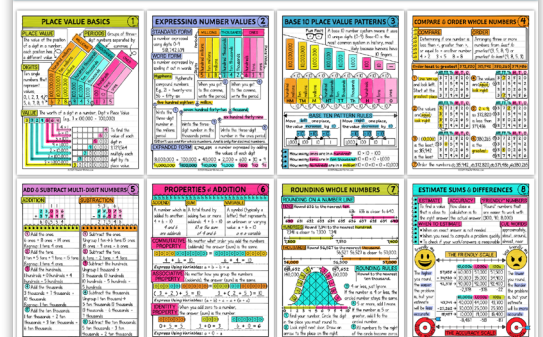
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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

MULTI-DIGIT MULTIPLICATION

12
Set 5

STEP 1 Begin with the ones place of 265

1s $5 \times 7 = 35$. Carry the 3. 5 goes below.

10s $5 \times 4 = 20$. Add the 3. Carry the 2. 3 goes below.

100s $5 \times 3 = 15$. Add the 2. 17 goes below.

STEP 2 Move to the tens place of 265. Add a zero place holder below in the ones column.

1s $6 \times 7 = 42$. Carry the 4. 2 goes below.

10s $6 \times 4 = 24$. Add the 4.

Carry the 2. 8 goes below.

100s $6 \times 3 = 18$. Add the 2. 20 goes below.

STEP 3 Move to the hundreds place of 265. Add two zero place holders below in the ones and tens column.

1s $2 \times 7 = 14$. Carry the 1. 4 goes below.

10s $2 \times 4 = 8$. Add the 1. 9 goes below.

100s $2 \times 3 = 6$.

6 goes below.

[STANDARD ALGORITHM]

$$\begin{array}{r} 12 \\ 22 \\ 347 \end{array}$$

$$\times 265$$

$$\hline 1735$$

$$20820$$

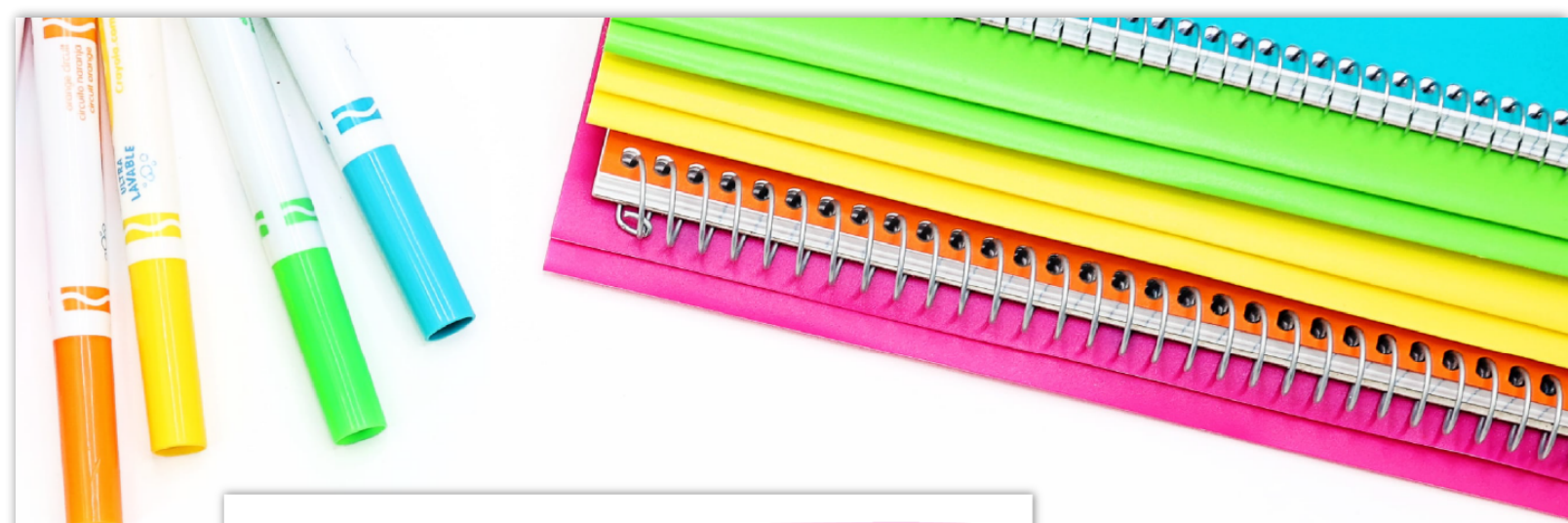
$$+ 69400$$

$$\hline 91955$$

STEP 4

products

GRADE 5



MULTI-DIGIT MULTIPLICATION **12** Set 5

STEP 1 Begin with the ones place of 265

1s $5 \times 7 = 35$. Carry the 3. 5 goes below.

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STANDARD ALGORITHM

$$\begin{array}{r} 265 \\ \times 347 \\ \hline 1735 \\ 1060 \\ 8050 \\ \hline 92165 \end{array}$$

MULTI-DIGIT MULTIPLICATION **12** Set 5

STEP 1 Begin with the ones place of 265

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STANDARD ALGORITHM

$$\begin{array}{r} 265 \\ \times 347 \\ \hline 1735 \\ 1060 \\ 8050 \\ \hline 92165 \end{array}$$

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



1 goes below.

100s $2 \times 3 = 6$.

6 goes below.

STEP 4 Add the partial products for the final answer.

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STEP-BY-STEP POWERPOINT

MULTI-DIGIT MULTIPLICATION

12

STEP 1 Begin with the ones place of 265

1s $5 \times 7 = 35$. Carry the 3. 5 goes below.

10s $5 \times 4 = 20$. Add the 3. Carry the 2. 3 goes below.

STANDARD ALGORITHM

$$\begin{array}{r} 143 \\ 265 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 1735 \\ 20820 \\ + 69400 \\ \hline \end{array}$$

$$\begin{array}{r} 1735 \\ 20820 \\ + 69400 \\ \hline \end{array}$$

$$\begin{array}{r} 1735 \\ 20820 \\ + 69400 \\ \hline \end{array}$$

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hundreds place of 265. Add two zero place holders below in the ones and tens column.

1s $2 \times 7 = 14$. Carry the 1. 4 goes below.

10s $2 \times 4 = 8$. Add the 1. 9 goes below.

100s $2 \times 3 = 6$. 6 goes below.

+

$$\begin{array}{r} 1735 \\ 20820 \\ + 69400 \\ \hline \end{array}$$

$$\begin{array}{r} 1735 \\ 20820 \\ + 69400 \\ \hline \end{array}$$

STEP 4 Add the partial products for the final answer.

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MacBook Pro



MULTI-DIGIT MULTIPLICATION

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1s $5 \times 7 = 35$. Carry the 3. 5 goes below.

10s $5 \times 4 = 20$. Add the 3. Carry the 2. 3 goes below.

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[STANDARD ALGORITHM]

$$\begin{array}{r} 12 \\ 22 \\ 22 \\ \times 265 \\ \hline \end{array}$$

STEP 2 Move to the tens place of 265. Add a zero place holder below in the ones column.

1s $6 \times 7 = 42$. Carry the 4. 2 goes below.

10s $6 \times 4 = 24$. Add the 4. Carry the 2.

100s $6 \times 3 = 18$.

STEP 3 Move to the hundreds place. Add two zero place holders below in the ones and tens columns.

1s $2 \times 7 = 14$. Carry the 1. 4 goes below.

10s $2 \times 4 = 8$. Add the 1. 9 goes below.

100s $2 \times 3 = 6$. 6 goes below.

DETAILED ANSWER KEY

$$\begin{array}{r} 69400 \\ + 91955 \\ \hline \end{array}$$

STEP 4 Add the partial products for the final answer.