

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!

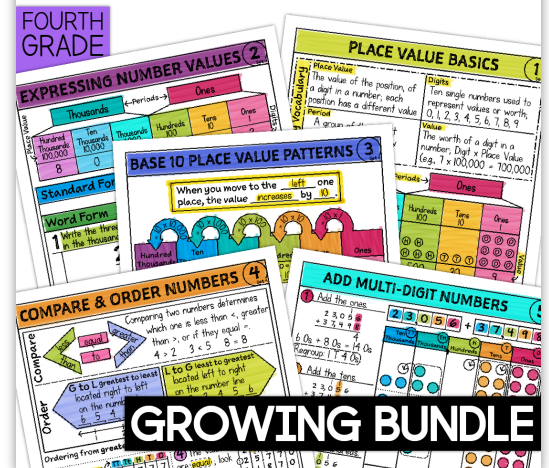
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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

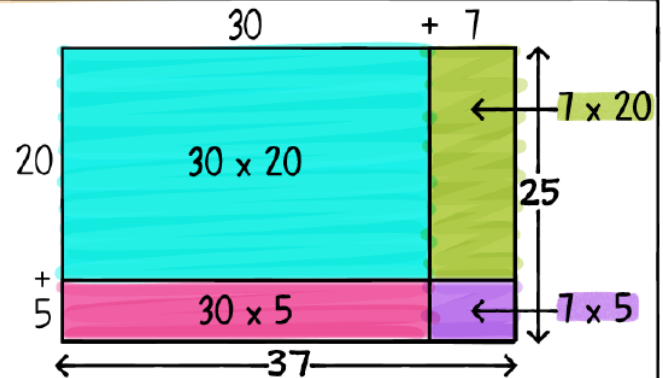


MATH SKETCH NOTES

MULTIPLICATION ALGORITHM [2-DIGIT] (20)

Set 4

Review
Partial
Products
Area Model



$$25 \times 37 = (7 \times 5) + (7 \times 20) + (30 \times 5) + (30 \times 20)$$

1
 7×5 ones
 $= 35$ ones
 $= 3$ tens
& 5 ones

$$\begin{array}{r} 25 \\ \times 37 \\ \hline \end{array}$$

2
 7×2 tens
 $= 14$ tens
 $+ 3$ tens
 $= 17$ tens
 $= 1$ hundred
& 7 tens

$$\begin{array}{r} 25 \\ \times 37 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ \times 37 \\ \hline 175 \\ + 750 \\ \hline 925 \end{array}$$

3
 30×5 ones
 $= 150$ ones
 $= 15$ tens
 $= 1$ hundred
& 5 tens

$$\begin{array}{r} 25 \\ \times 37 \\ \hline \end{array}$$

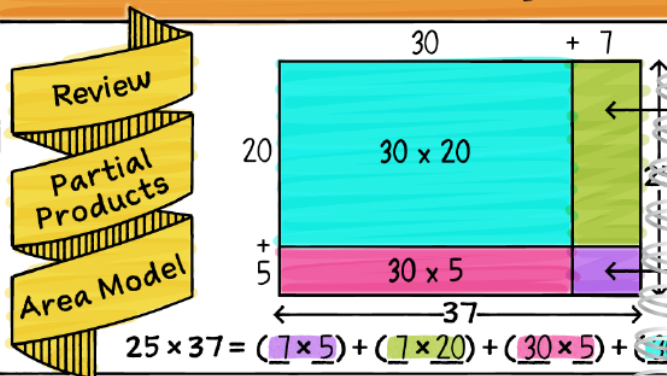
4
 30×2 tens
 $= 60$ tens
 $= 6$ hundreds
 $+ 1$ hundred
 $= 7$ hundreds

$$\begin{array}{r} 25 \\ \times 37 \\ \hline \end{array}$$

5
Add: 175
+ 750

GRADE 4

MULTIPLICATION ALGORITHM [2-DIGIT] (20)



1 7×5 ones
= 35 ones
= 3 tens

2 7×2 tens
= 14 tens
= 1 hundred + 4 tens

25 25

MULTIPLICATION ALGORITHM [2-DIGIT] (20)

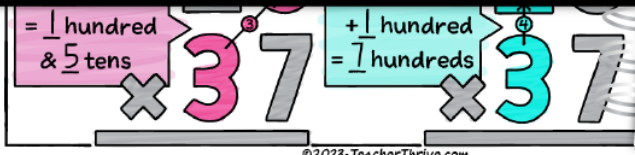


1 7×5 ones
= 35 ones
= 3 tens

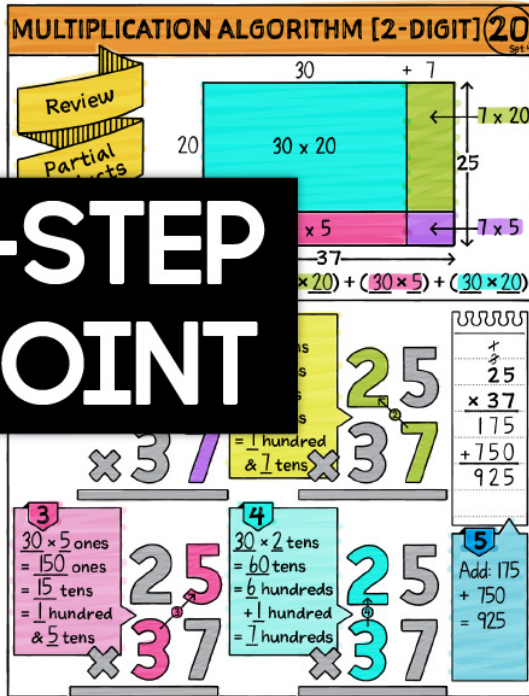
2 7×2 tens
= 14 tens
= 1 hundred + 4 tens

25 25

2 SIZES: STANDARD US 8.5 x 11 & COMPOSITION NOTEBOOK



STEP-BY-STEP POWERPOINT



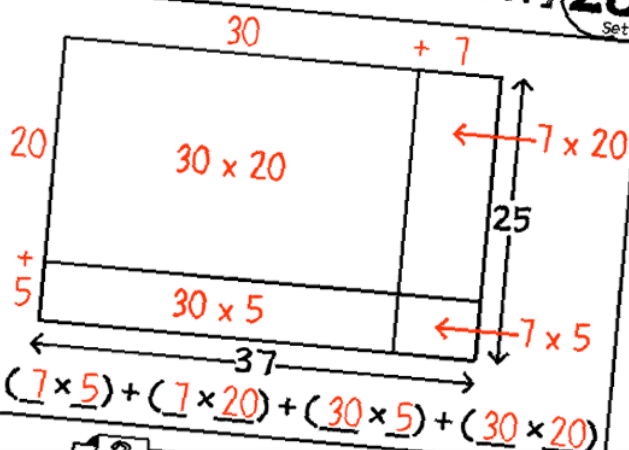
MULTIPLICATION ALGORITHM [2-DIGIT] (20)

Set 4

Review

Partial Products

Area Model



$$25 \times 37 = (7 \times 5) + (7 \times 20) + (30 \times 5) + (30 \times 20)$$

DETAILED ANSWER KEY

1

$$\begin{array}{r} 7 \times 5 \text{ ones} \\ = 35 \text{ ones} \\ = 3 \text{ tens} \\ \text{ \& 5 ones} \end{array}$$

3

$$\begin{array}{r} 30 \times 5 \text{ ones} \\ = 150 \text{ ones} \\ = 15 \text{ tens} \\ = 1 \text{ hundred} \\ \text{ \& 5 tens} \end{array}$$

4

$$\begin{array}{r} 30 \times 2 \text{ tens} \\ = 60 \text{ tens} \\ = 6 \text{ hundreds} \\ + 1 \text{ hundred} \\ = 7 \text{ hundreds} \end{array}$$

$$\begin{array}{r} + 150 \\ 925 \end{array}$$

5

$$\begin{array}{r} \text{Add: } 175 \\ + 750 \\ = 925 \end{array}$$

$$\begin{array}{r} 25 \\ \times 37 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ \times 37 \\ \hline \end{array}$$