

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!

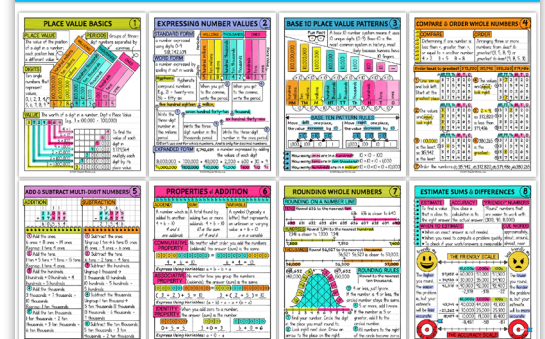
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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

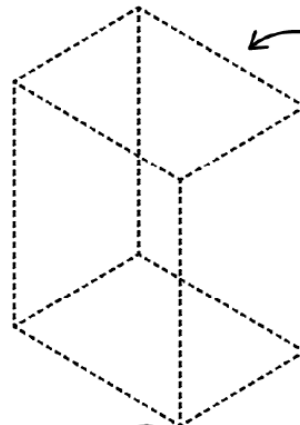


GROWING BUNDLE

MATH SKETCH NOTES

VOLUME: PACKING CUBES

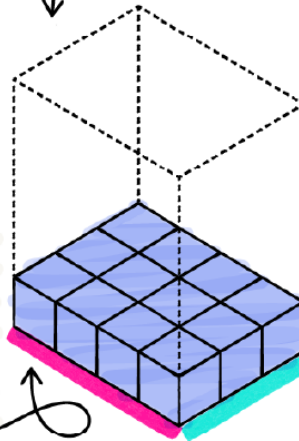
75
Set 5



A rectangular prism can be packed with unit cubes.

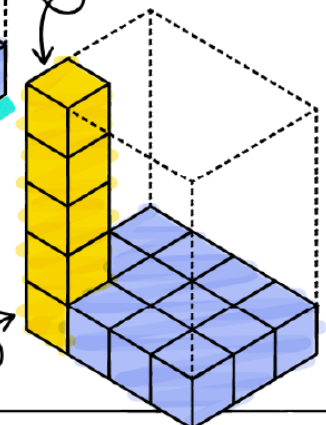
One layer of cube units- The layer is 4 cubes long and 3 cubes wide (4×3)

These unit cubes fit together perfectly; no gaps or overlap



The 5 packed cube units show the height of the prism.

(4×3) represents the first layer.
 $(4 \times 3) \times 5$ represents the number of 4×3 layers.



$$(4 \times 3) + (4 \times 3) + (4 \times 3) + (4 \times 3) + (4 \times 3)$$

$$\downarrow$$
$$\frac{12}{\uparrow}$$

$$+$$

$$\downarrow$$
$$\frac{12}{\uparrow}$$

$$+$$

$$\downarrow$$
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$$+$$

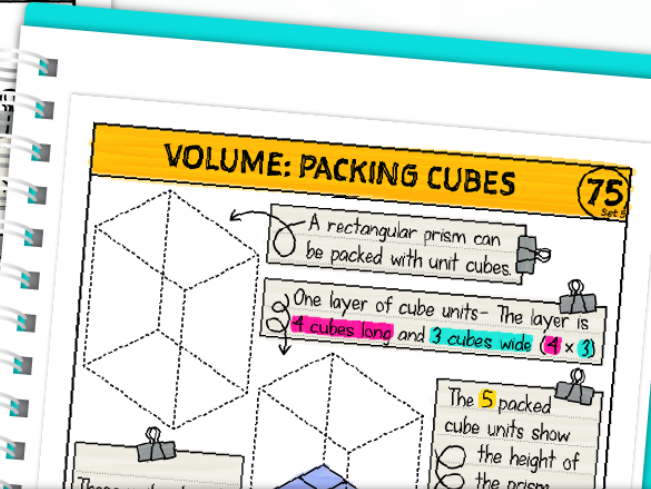
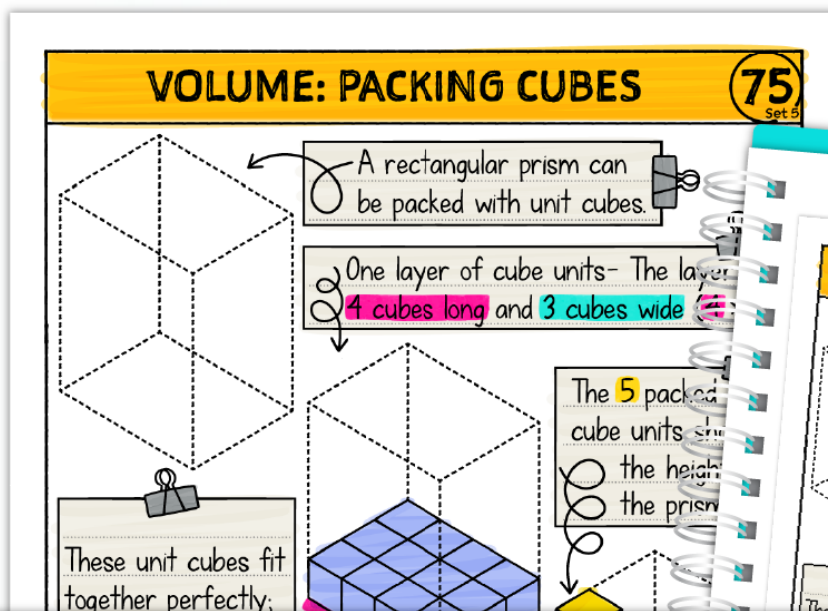
$$\downarrow$$
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$$+$$

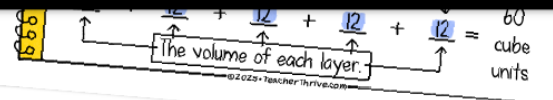
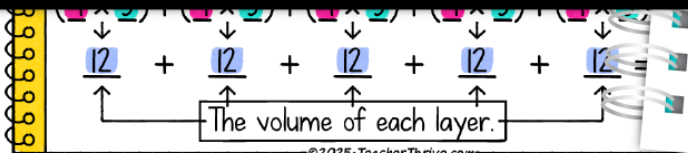
$$\downarrow$$
$$\frac{12}{\uparrow}$$

The volume of each layer...

GRADE 5



2 SIZES: STANDARD US 8.5 × 11 & COMPOSITION NOTEBOOK



STEP-BY-STEP POWERPOINT

VOLUME: PACKING CUBES

75
Sets



A rectangular prism can be packed with unit cubes.

One layer of cube units- The layer is 4 cubes long and 3 cubes wide (4×3)

The 5 packed cube units show the height of the prism.

(4×3) represents the first layer.
 $(4 \times 3) \times 5$ represents the number of 4×3 layers.

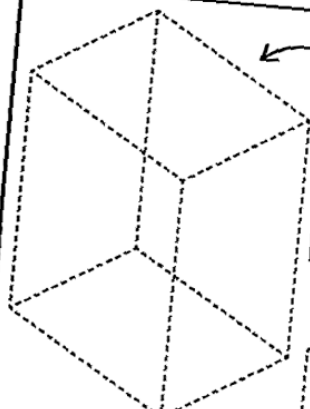
$$\begin{array}{ccccccccc} (4 \times 3) & + & (4 \times 3) & + & (4 \times 3) & + & (4 \times 3) & + & (4 \times 3) \\ \downarrow & & \downarrow & & \downarrow & & \downarrow & & \downarrow \\ 12 & + & 12 & + & 12 & + & 12 & + & 12 \\ \uparrow & & \uparrow & & \uparrow & & \uparrow & & \uparrow \\ \text{The volume of each layer.} & & & & & & & & \end{array} = 60 \text{ cube units}$$

MacBook Pro

VOLUME: PACKING CUBES

75

Set 5



A rectangular prism can be packed with unit cubes.

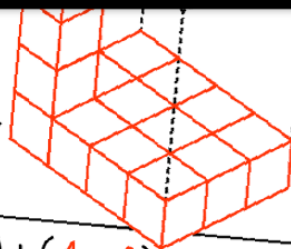
One layer of cube units- The layer is 4 cubes long and 3 cubes wide (4×3)

The 5 packed cube units show the height of

These unit cubes together perfectly fill the prism with no gaps or overlaps.

DETAILED ANSWER KEY

(4×3) represents the first layer.
 $(4 \times 3) \times 5$ represents the number of 4×3 layers.



$$(4 \times 3) + (4 \times 3) + (4 \times 3) + (4 \times 3) + (4 \times 3)$$

$$\begin{array}{ccccccccc} \downarrow & & \downarrow & & \downarrow & & \downarrow & & \downarrow \\ \frac{12}{\uparrow} & + & \frac{12}{\uparrow} & + & \frac{12}{\uparrow} & + & \frac{12}{\uparrow} & + & \frac{12}{\uparrow} \\ & & \uparrow & & \uparrow & & \uparrow & & \uparrow \\ & & \text{The volume of each layer.} & & & & & & \end{array} = 60 \text{ cube units}$$