

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!

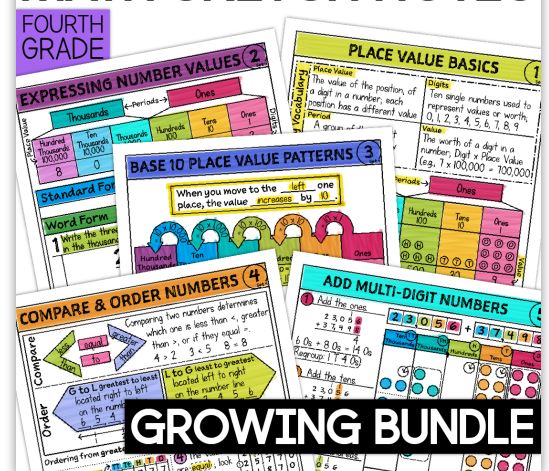
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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

PERIMETER of SQUARES & RECTANGLES (68)

peri-meter

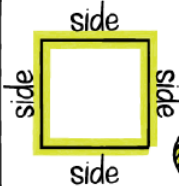
Greek prefix
that means
around

From the Greek
verb metre that
means "to measure"

Perimeter is
the total
length around
the outside
of a shape

SQUARES

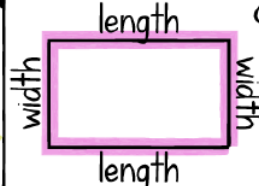
4 congruent
sides.



s → side

RECTANGLES

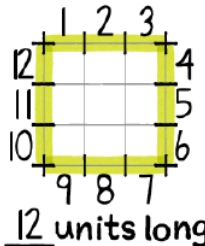
2 pairs of
congruent sides.



ℓ → length
w → width

COUNT UNITS

SQUARES



USE A FORMULA

P → perimeter s → length of a side

[addition]

$$P = s + s + s + s$$

$$P = 3 + 3 + 3 + 3$$

$$P = 12 \text{ units}$$

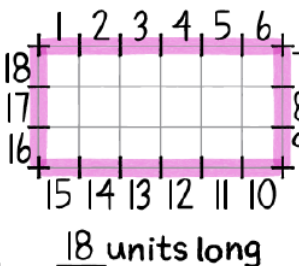
[multiplication]

$$P = 4s$$

$$P = 4 \times 3$$

$$P = 12 \text{ units}$$

RECTANGLES



ℓ → length w → width

[addition]

$$P = \ell + \ell + w + w$$

$$P = 6 + 6 + 3 + 3$$

$$P = 12 + 6$$

$$P = 18 \text{ units}$$

[multiplication]

$$P = 2\ell + 2w$$

$$P = 2(6) + 2(3)$$

$$P = 12 + 6$$

$$P = 18 \text{ units}$$

GRADE 4

PERIMETER of SQUARES & RECTANGLES (68)

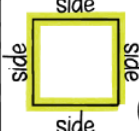
peri-meter

Greek prefix that means around

From the Greek verb metre that means "to measure"

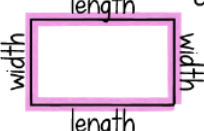
Perimeter is the total length around the outside of a shape

SQUARES 4 congruent sides.



s → side

RECTANGLES 2 pairs of congruent sides.



l → length
w → width

COUNT UNITS

USE A FORMULA

PERIMETER of SQUARES & RECTANGLES (68)

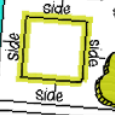
peri-meter

Greek prefix that means around

From the Greek verb metre that means "to measure"

Perimeter is the total length around the outside of a shape

SQUARES 4 congruent sides.



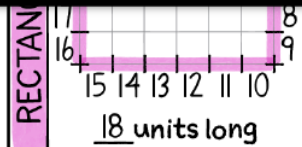
s → side

RECTANGLES 2 pairs of congruent sides.



l → length
w → width

2 SIZES: STANDARD US 8.5 × 11 & COMPOSITION NOTEBOOK



$$P = l + l + w + w$$

$$P = 6 + 6 + 3 + 3$$

$$P = 12 + 6$$

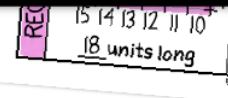
$$P = 18 \text{ units}$$

$$P = 2l + 2w$$

$$P = (2 \times 6) + (2 \times 3)$$

$$P = 12 + 6$$

$$P = 18 \text{ units}$$



$$P = l + l + w + w$$

$$P = 6 + 6 + 3 + 3$$

$$P = 12 + 6$$

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STEP-BY-STEP POWERPOINT

PERIMETER of SQUARES & RECTANGLES (68)

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Greek prefix
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verb metre that

Perimeter is
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of a shape

ANGLES 2 pairs of
congruent sides

length
width

l → length
w → width

USE A FORMULA

Perimeter s → length of a side

SQUARE



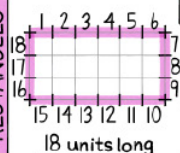
[Addition]

$$\begin{aligned} P &= s + s + s + s \\ P &= 3 + 3 + 3 + 3 \\ P &= 12 \text{ units} \end{aligned}$$

[Multiplication]

$$\begin{aligned} P &= 4s \\ P &= 4 \times 3 \\ P &= 12 \text{ units} \end{aligned}$$

RECTANGLES



l → length w → width

[Addition]

$$\begin{aligned} P &= l + l + w + w \\ P &= 6 + 6 + 3 + 3 \\ P &= 12 + 6 \\ P &= 18 \text{ units} \end{aligned}$$

[Multiplication]

$$\begin{aligned} P &= 2l + 2w \\ P &= (2 \times 6) + (2 \times 3) \\ P &= 12 + 6 \\ P &= 18 \text{ units} \end{aligned}$$

MacBook Pro

PERIMETER of SQUARES & RECTANGLES (68)

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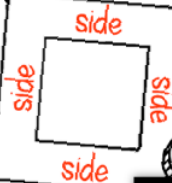
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2 pairs of
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l → length

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