

MATH SKETCH NOTES

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These 3rd-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!

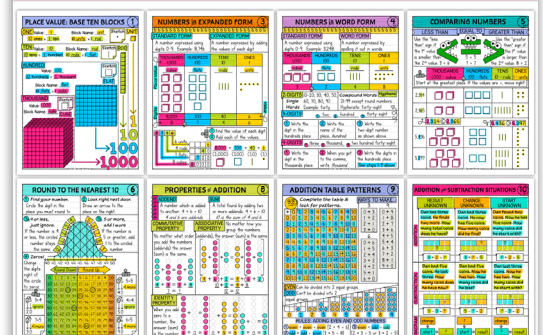
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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!!!

**THIRD GRADE MATH
GUIDED SKETCH NOTES**



GROWING BUNDLE!!!

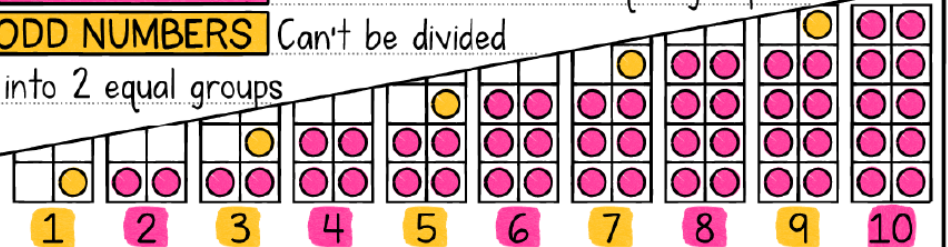
MATH SKETCH NOTES

MULTIPLICATION TABLE PATTERNS 27

Set 3

EVEN NUMBERS Can be divided into 2 equal groups

ODD NUMBERS Can't be divided
into 2 equal groups



SQUARE NUMBERS

product of a number multiplied by itself; arrays with the same number of rows and columns.

When you multiply any number (even or odd) by an even number...

the product will always be even.

Products below & above the squares have the same factors.

$$7 \times 4 = 4 \times 7$$

The products in each row and column increase by the same amount.

SKIP COUNTING

x	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

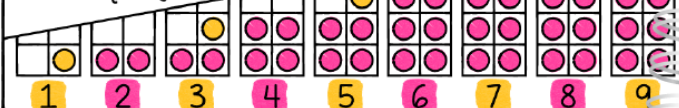
GRADE 3

MULTIPLICATION TABLE PATTERNS (27)

EVEN NUMBERS Can be divided into 2 equal groups

ODD NUMBERS Can't be divided

into 2 equal groups



SQUARE NUMBERS

product of a number multiplied by itself; arrays with the same number of rows and

When you multiply any number (even or odd) by an even number...

the product will always be even

x	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10

MULTIPLICATION TABLE PATTERNS (27)

EVEN NUMBERS Can be divided into 2 equal groups

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SQUARE NUMBERS

product of a number multiplied by itself; arrays with the same

When you multiply any number (even or odd) by an even number...

the product will always be even

2 SIZES: STANDARD US 8.5 × 11 & COMPOSITION NOTEBOOK



The products in each row and column increase by the same amount.

9	9	18	27	36	45	54	63
10	10	20	30	40	50	60	70

→ SKIP COUNTING

by the same amount.

10	10	20	30	40	50	60	70	80	90	100
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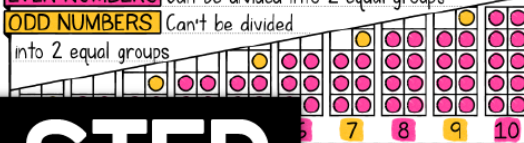
→ SKIP COUNTING

STEP-BY-STEP POWERPOINT

MULTIPLICATION TABLE PATTERNS 27

EVEN NUMBERS Can be divided into 2 equal groups

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into 2 equal groups



multiply any
even or odd
number...

the product
will always
be even.

Products below &
above the **squares**
have the same
factors.

$$7 \times 4 = 4 \times 7$$

The products in each
row and column increase
by the same amount.

SKIP COUNTING

SKIP COUNTING

MacBook Pro

MULTIPLICATION TABLE PATTERNS (27)

Set 3

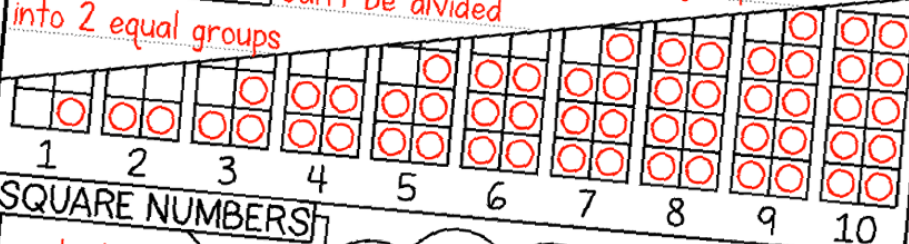
EVEN NUMBERS

Can be divided into 2 equal groups

ODD NUMBERS

Can't be divided

into 2 equal groups



SQUARE NUMBERS

product of a number multiplied by itself; arrays with the same number of rows and columns.

When you multiply any number (even or odd) by an even number, the product will always be even.

the product will always be odd.

DETAILED ANSWER KEY

Products below the squares have the same factors.

$$7 \times 4 = 4 \times 7$$

The products in each row and column increase by the same amount.

COUNTING ↑

4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

→ SKIP COUNTING

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