

MATH SKETCH NOTES



MULTIPLICATION FACT FAMILY

17
Set 3

3×8

FACT FAMILY A group of related multiplication and division equations that use the same three numbers

FACTOR A number that is multiplied with another: 3 and 8 are factors of 24

PRODUCT The result of two or more numbers that are multiplied together: 24 is the product of 3 and 8

DIVISOR The number that divides a given number

DIVIDEND The number that is divided by the divisor

QUOTIENT

3

factor

$\times$

8

factor

$=$

24

product

8

factor

$\times$

3

factor

$=$

24

product

24

dividend

$\div$

8

divisor

$=$

3

quotient

24

dividend

$\div$

3

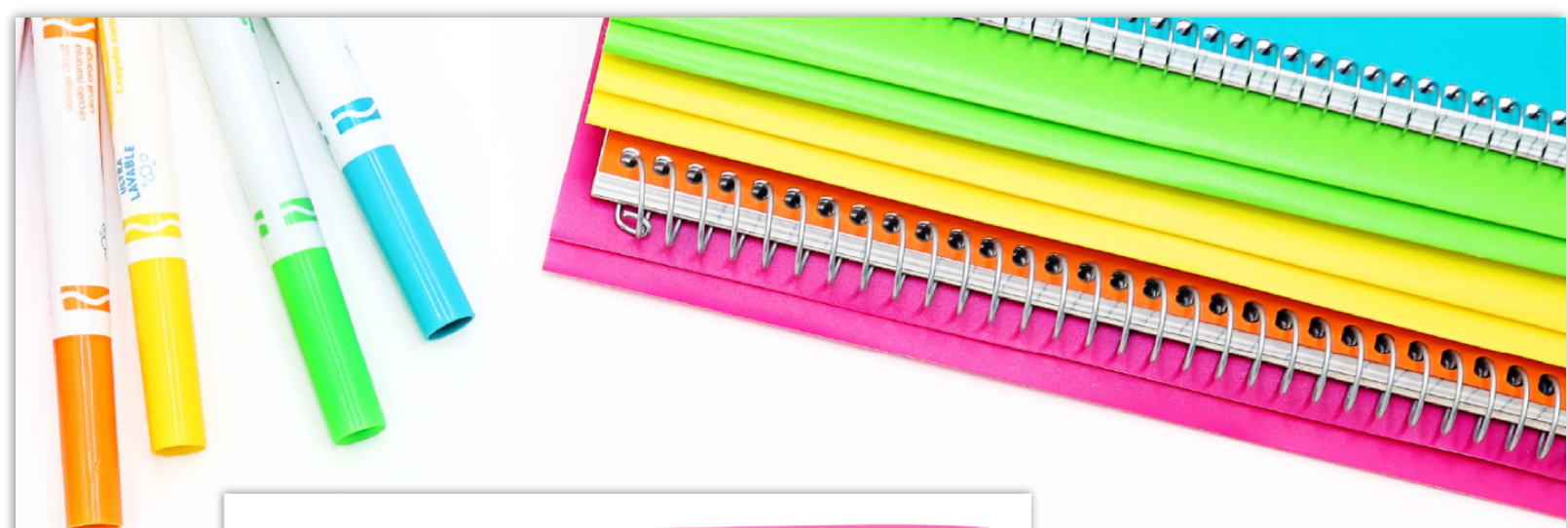
divisor

$=$

8

quotient

GRADE 3



MULTIPLICATION FACT FAMILY 17 Set 3

FACT FAMILY A group of related multiplication and division equations that use the same three numbers.

FACTOR A number that is multiplied with another number. 3 and 8 are factors of 24.

PRODUCT The result of multiplying two or more numbers together. 24 is the product of 3 and 8.

$3 \times 8 = 24$

3 (factor) $\times$ 8 (factor) = 24 (product)

MULTIPLICATION FACT FAMILY 17 Set 3

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3 (factor) $\times$ 8 (factor) = 24 (product)

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



$24 \div 3 = 8$

24 (dividend) $\div$ 3 (divisor) = 8 (quotient)

The result of the dividend being divided by the divisor.

$24 \div 3 = 8$

24 (dividend) $\div$ 3 (divisor) = 8 (quotient)

The result of the dividend being divided by the divisor.

STEP-BY-STEP POWERPOINT

MULTIPLICATION FACT FAMILY

17
Set 2

3×8

24

FACT FAMILY A group of related multiplication and division equations that use the same three numbers

FACTOR A number that is multiplied with another: 3 and 8 are factors of 24

PRODUCT The result of two or more numbers that are multiplied together: 24 is the product of 3 and 8

DIVISOR The number that divides a given number

DIVIDEND The number that is divided by the divisor

QUOTIENT The result of the dividend being divided by the divisor

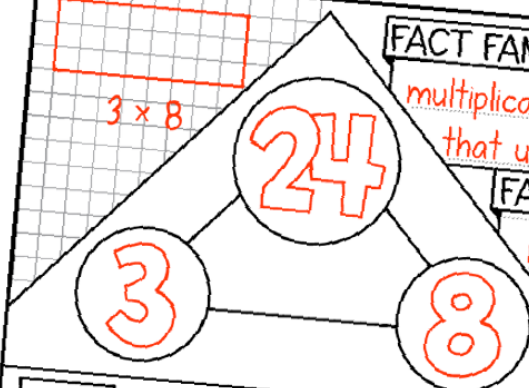
factor	factor	product
24	8	3
dividend	divisor	quotient
24	3	8
dividend	divisor	quotient

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MacBook Pro

MULTIPLICATION FACT FAMILY

17
Set 3



FACT FAMILY A group of related multiplication and division equations that use the same three numbers

FACTOR A number that is multiplied with another: 3 and 8 are factors of 24

PRODUCT The result of two or more numbers multiplied together

3 x 8 = 24

factor factor product

8 x 3 = 24

factor factor product

24 ÷ 8 = 3

dividend divisor quotient

24 ÷ 3 = 8

dividend divisor quotient

DIVIDEND The number that is divided by the divisor

QUOTIENT The result of the dividend being divided by the divisor

DETAILED
ANSWER KEY

MATH SKETCH NOTES

MATH SKETCH NOTES

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 × 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!

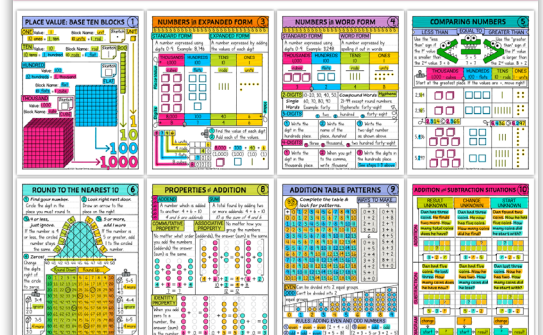
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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!!!

Helping teachers thrive in the classroom

Teacher THRIVE

Thank you for downloading this resource! There is nothing more rewarding to me than creating resources that make teachers' jobs easier.

Also, thank you for all that you do with our most precious resource—children! Your job is far from easy, so anything I can do to help you brings me great joy. Please feel free to email me anytime with questions, feedback, or comments.

Melissa Tallman
info@teacherthrive.com

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