

MATH SKETCH NOTES

MATH SKETCH NOTES

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 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!

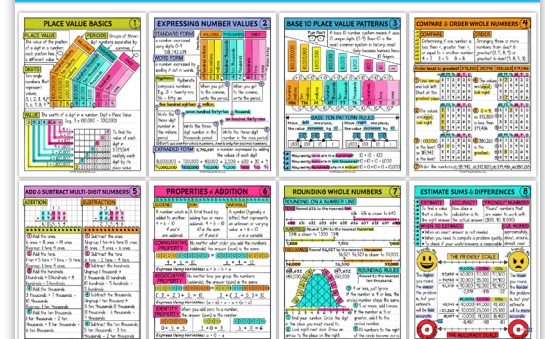
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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!!!

FIFTH GRADE MATH GUIDED SKETCH NOTES



GROWING BUNDLE

MATH SKETCH NOTES

PRIME FACTORIZATION TREES

31
Set 5

COMPOSITE

A composite number has more than two factors.

PRIME

A prime number is a number that has exactly two factors, 1 and the number itself.

Prime numbers are the "building blocks" of composite numbers.

Every composite number is a product of prime numbers.

Prime factorization is a way to write a composite number as the product of prime factors.

1 Draw two branches below the number.

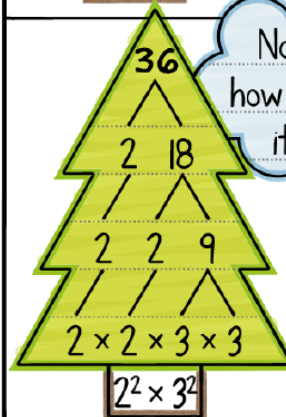
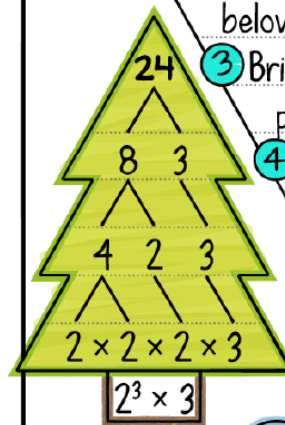
2 Write two factors below these branches.

3 Bring down any prime factors.

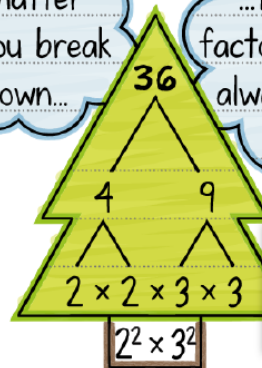
4 Keep factoring until all numbers are prime.

5 Write as a product of the prime numbers.

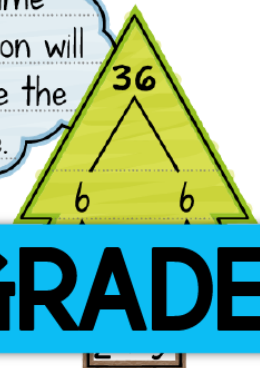
6 Express repeated factors using exponents.



No matter how you break it down...



...the prime factorization will always be the same.



GRADE 5



PRIME FACTORIZATION TREES 31

COMPOSITE A composite number has more than two factors.

PRIME A prime number is a number that has exactly two factors, 1 and the number itself.

Prime numbers are the "building blocks" of composite numbers.

Every composite number is a product of prime numbers.

Prime factorization is a way to write a composite number as the product of its prime factors.

- 1 Draw two branches below the number.
- 2 Write two factors below these branches.
- 3 Bring down any prime factors.
- 4 Keep factoring until all numbers are prime.
- 5 Write as a product of the prime numbers.

A prime factorization tree for the number 24. The root is 24. It branches into 8 and 3. The 8 branches into 4 and 2. The 4 branches into 2 and 2. The final prime factors are 2, 2, 2, and 3.

PRIME FACTORIZATION TREES 31

COMPOSITE A composite number has more than two factors.

PRIME A prime number is a number that has exactly two factors, 1 and the number itself.

Prime numbers are the "building blocks" of composite numbers.

Every composite number is a product of prime numbers.

Prime factorization is a way to write a composite number as the product of its prime factors.

- 1 Draw two branches below the number.
- 2 Write two factors below these branches.
- 3 Bring down any prime factors.
- 4 Keep factoring until all numbers are prime.

A prime factorization tree for the number 24. The root is 24. It branches into 8 and 3. The 8 branches into 4 and 2. The 4 branches into 2 and 2. The final prime factors are 2, 2, 2, and 3.

2 SIZES: STANDARD US 8.5 × 11 & COMPOSITION NOTEBOOK



STEP-BY-STEP POWERPOINT

PRIME FACTORIZATION TREES

31

COMPOSITE	PRIME
A composite number has more than two factors.	A prime number is a number that has exactly two factors, 1 and the number itself.

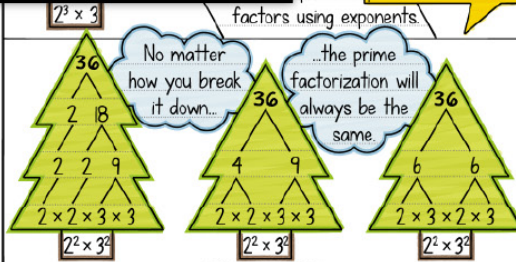
1 Draw two branches

Prime numbers are the "building blocks" of composite numbers.

Every composite number is a product of prime numbers.

Prime factorization is a way to write a composite number as the product of prime factors.

factors using exponents.



©2024 TeacherThrive.com

MacBook Pro

PRIME FACTORIZATION TREES

31

Set 5

COMPOSITE

A composite number has more than two factors.

PRIME

A prime number is a number that has exactly two factors, 1 and the number itself.

Prime numbers are the "building blocks" of composite numbers.

Every composite number is a product of prime numbers.

1 Draw two branches below the number.

2 Write two factors below these branches.

3 Bring down any prime factors.

4 Keep factoring until



No matter how you break it down...

...the prime factorization will always be the same.