

MATH SKETCH NOTES

MODEL: WHOLE NUMBERS $\div$ FRACTIONS

20
Set 6

DIVISOR

The number that divides a given number

DIVIDEND

The number that is divided by the divisor

QUOTIENT

The result/ answer of a division problem

8 quotient
7)56 divisor)dividend
 $56 \div 7 = 8$
dividend $\div$ divisor = quotient

THINK
How many $\frac{1}{3}$ are in 4?

$$4 \div \frac{1}{3} = 12$$



THINK
How many $\frac{2}{3}$ are in 4?

$$4 \div \frac{2}{3} = 6$$

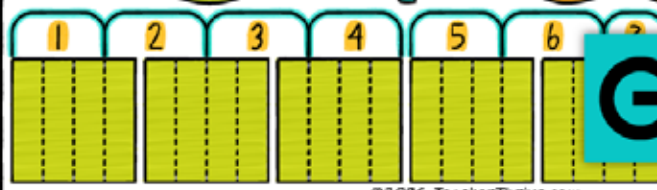
Sometimes, the dividend is not perfectly divisible by the divisor.

THINK
How many $\frac{3}{4}$ are in 5?

$$5 \div \frac{3}{4} = 6 \frac{2}{3}$$

The # of pieces left over.

The # of pieces you're dividing by.



GRADE 6

to the divisor.

STEP-BY-STEP POWERPOINT

MODEL: WHOLE NUMBERS ÷ FRACTIONS 20

DIVISOR	DIVIDEND	QUOTIENT
The number that divides a given number	The number that is divided by the divisor	The result/answer of a division problem

8 quotient
7 | 56 divisor/dividend
 $56 \div 7 = 8$
dividend ÷ divisor = quotient

THINK
How many $\frac{1}{2}$ are in 4?

$$4 \div \frac{2}{3} = 6$$

Sometimes, the dividend is not perfectly divisible by the divisor.

THINK How many $\frac{1}{4}$ are in 5?

$$5 \div \frac{3}{4} = 6\frac{2}{3}$$

The # of pieces left over

The # of pieces you're dividing by

Is understand what's left, we must compare it to the divisor.

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MODEL: WHOLE NUMBERS ÷ FRACTIONS 20

DIVISOR	DIVIDEND	QUOTIENT
The number that divides a given number	The number that is divided by the divisor	The result/ answer of a division problem

THINK
How many $\frac{1}{3}$ are in 4?

$4 \div \frac{1}{3}$

$- 12$

THINK
How many $\frac{2}{3}$ are in 4?

$4 \div \frac{2}{3}$

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

MODEL: WHOLE NUMBERS ÷ FRACTIONS 20

THINK
How many $\frac{1}{3}$ are in 4?

$4 \div \frac{1}{3}$

THINK
How many $\frac{2}{3}$ are in 4?

$4 \div \frac{2}{3}$

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

2 SIZES: STANDARD US 8.5 × 11 & COMPOSITION NOTEBOOK



1	2	3	4	5	6	7

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To understand what's left, we must compare it to the divisor.

MODEL: WHOLE NUMBERS ÷ FRACTIONS (20)

DIVISOR

The number that divides a given number

DIVIDEND

The number that is divided by the divisor

QUOTIENT

The result/ answer of a division problem

$7 \overline{)56}$ quotient
divisor dividend
 $56 \div 7 = 8$
dividend ÷ divisor = quotient

THINK

How many $\frac{1}{3}$ are in 4?

$$4 \div \frac{1}{3}$$

$$= 12$$

1	
2	
3	
4	
5	
6	
7	

THINK

How many $\frac{2}{3}$ are in 4?

$$4 \div \frac{2}{3}$$

DETAILED ANSWER KEY

Sometimes, the dividend is not perfectly divisible by the divisor.

$$5 \div \frac{3}{4} = 6 \frac{2}{3}$$

The # of pieces left over.

The # of pieces you're dividing by.

To understand what's left, we must compare it to the divisor.

1	2	3	4	5	6	?

MATH SKETCH NOTES

MATH SKETCH NOTES

These 6th-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!

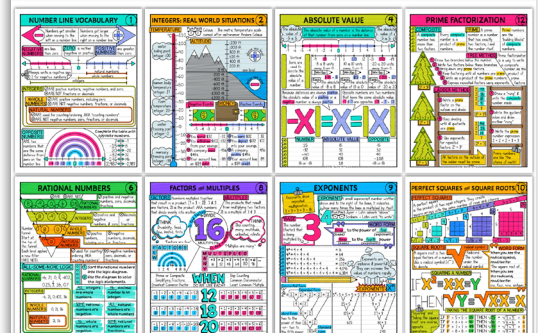
1. PowerPoint: Each sketch note page comes with a step-by-step PowerPoint that you can use to guide your students as they complete their notes.
2. Document Camera: Use a document camera to project a blank copy of the notes. Use the answer key provided to complete the note page in front of your students.

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!!!

SIXTH GRADE MATH GUIDED SKETCH NOTES



GROWING BUNDLE