MATH SKETCH NOTES





INTRODUCTION to RATIOS

32 Set 6



A ratio is another way to compare two numbers or quantities.

You can compare quantities 3 ways.

You can express ratios 3 ways.

	word form	colon form	fraction form
part-to-part	"five to seven"	5 : 7	5/7
	"seven to five"	7 : 5	7/5
part-to-whole	"five to twelve"	5 : 12	5/12
	"seven to twelve"	7 : 12	7/12
whole-to-part	"twelve to five"	12 : 5	12/5
	"twelve to seven"	12 : 7	12/7

IMPORTANT

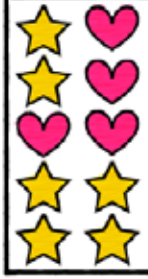
A fraction compares a part to the whole, while a ratio can compare either a part to a part or a part to a whole.

RATIO TERMS

Each number of a ratio is called a *term*

Terms can be: numbers, variables, or the product of a number and a variable

Numbers, such as 2 and 3	Variables, such as X and Y	The product of a number and a variable, such as 2X and 3Y
2:3	X:Y	2X:3Y



part-to-part	number of hearts / number of stars	4/6 = 4 to 6 = 4:6
part-to-whole	number of hearts / total number of shapes	4/10
whole-to-part	total number of shapes / number of stars	10/6

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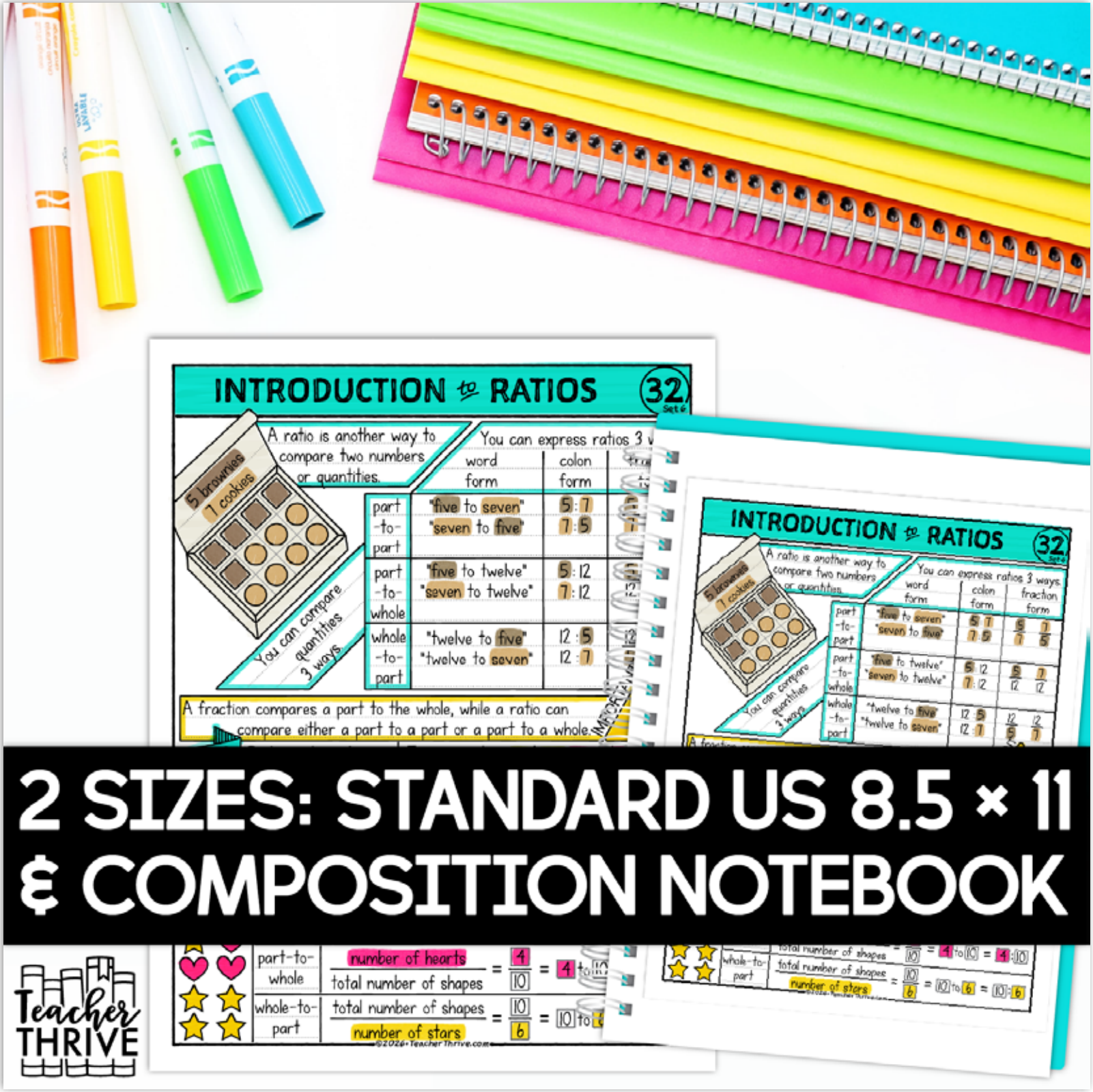
GRADE 6

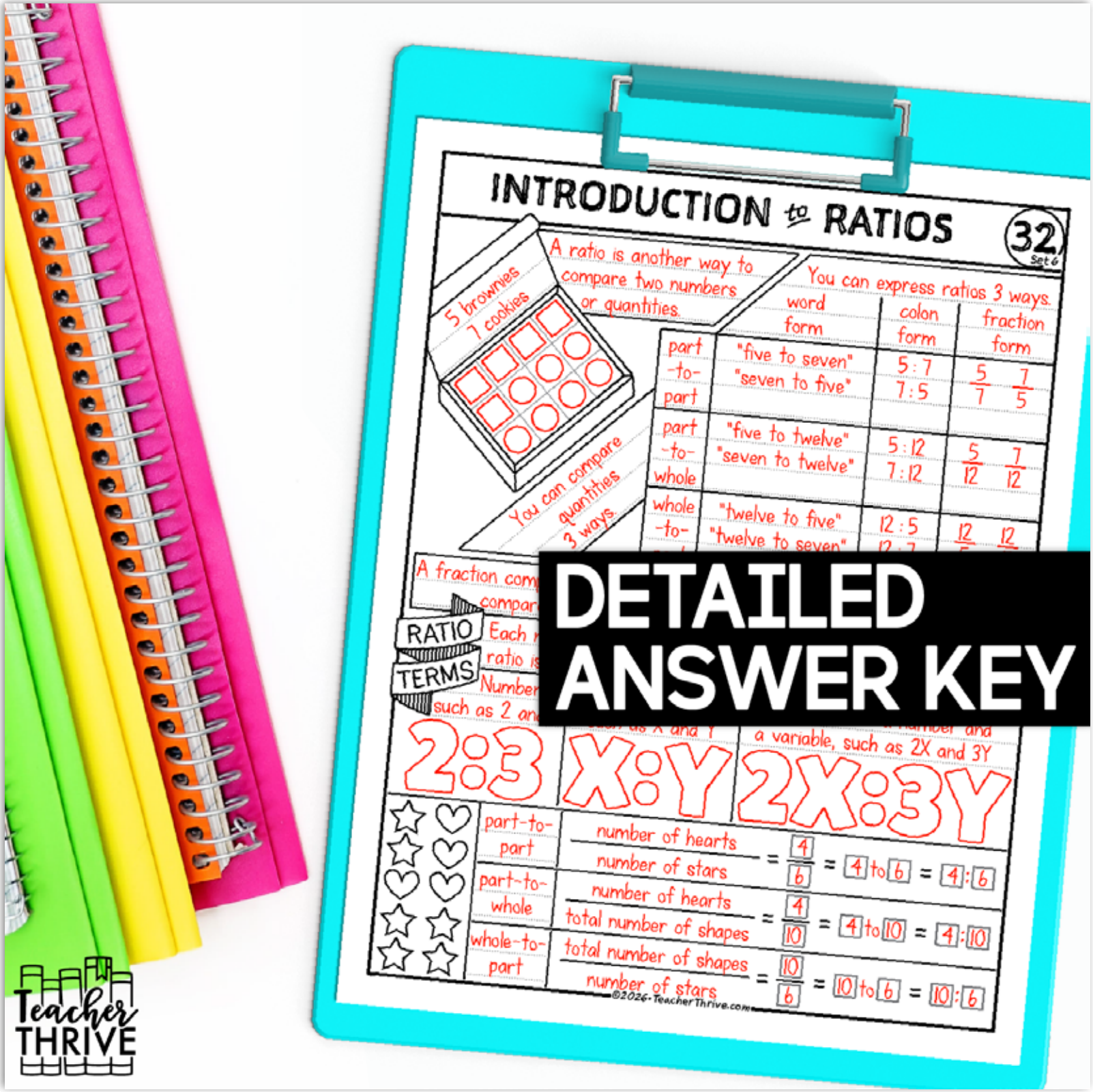
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STEP-BY-STEP POWERPOINT

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INTRODUCTION to RATIOS
32
Set 6
A ratio is another way to compare two numbers or quantities.
5 brownies
7 cookies
You can express ratios 3 ways.
word form
colon form
part-to-part
"five to seven"
"seven to five"
5 : 7
7 : 5
part-to-whole
"five to twelve"
"seven to twelve"
5 : 12
7 : 12
whole-to-part
"twelve to five"
"twelve to seven"
12 : 5
12 : 7
You can compare quantities 3 ways.
A fraction compares a part to the whole, while a ratio can compare either a part to a part or a part to a whole.
fraction form
2 SIZES: STANDARD US 8.5 × 11
& COMPOSITION NOTEBOOK
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DETAILED ANSWER KEY

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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 × 11 & composition notebook size for INBs)
- Detailed answer key
- Step-by-step PowerPoint

GUIDED NOTE-TAKING

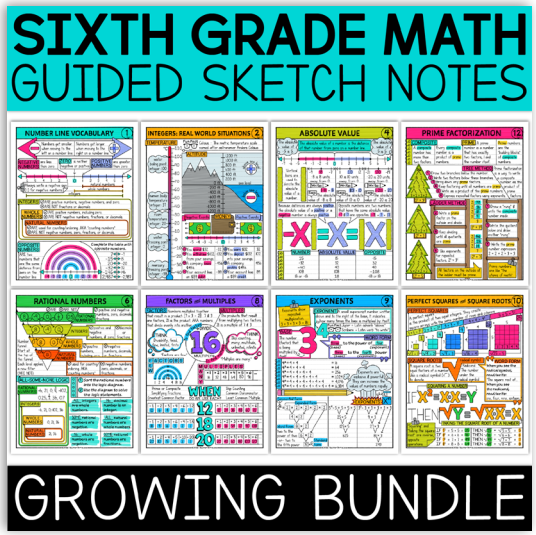
Guiding your students through the note-taking process is so easy and requires almost zero preparation!

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!!!



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