MATH SKETCH NOTES





RATIOS: ADDITIVE and MULTIPLICATIVE STRUCTURES

34 Set 6

A fruit salad recipe calls for 3 apples and 2 oranges.

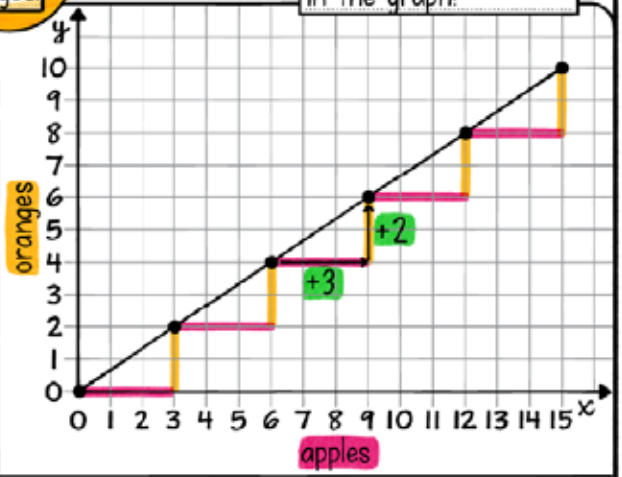
3:2

You can see the addition relationship in the graph!

ADDITIVE STRUCTURE

apples	oranges
3	2
+3 → 6	+2 → 4
+3 → 9	+2 → 6
+3 → 12	+2 → 8
+3 → 15	+2 → 10

Add the original unit values to each term every time you scale up.

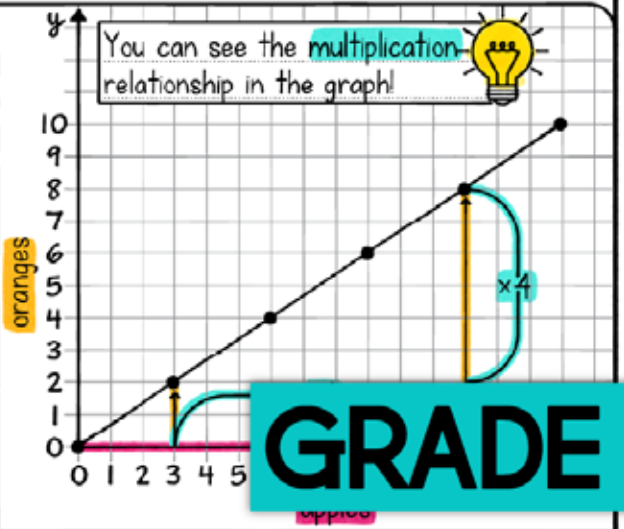


MULTIPLICATIVE STRUCTURE

apples	oranges
3	2
×2 → 6	4 ← ×2
×3 → 9	6 ← ×3
×4 → 12	8 ← ×4
×5 → 15	10 ← ×5
⋮	⋮
×25 → 75	50 ← ×25

Multiply both terms by the number of times you scale the recipe.

You can see the multiplication relationship in the graph!



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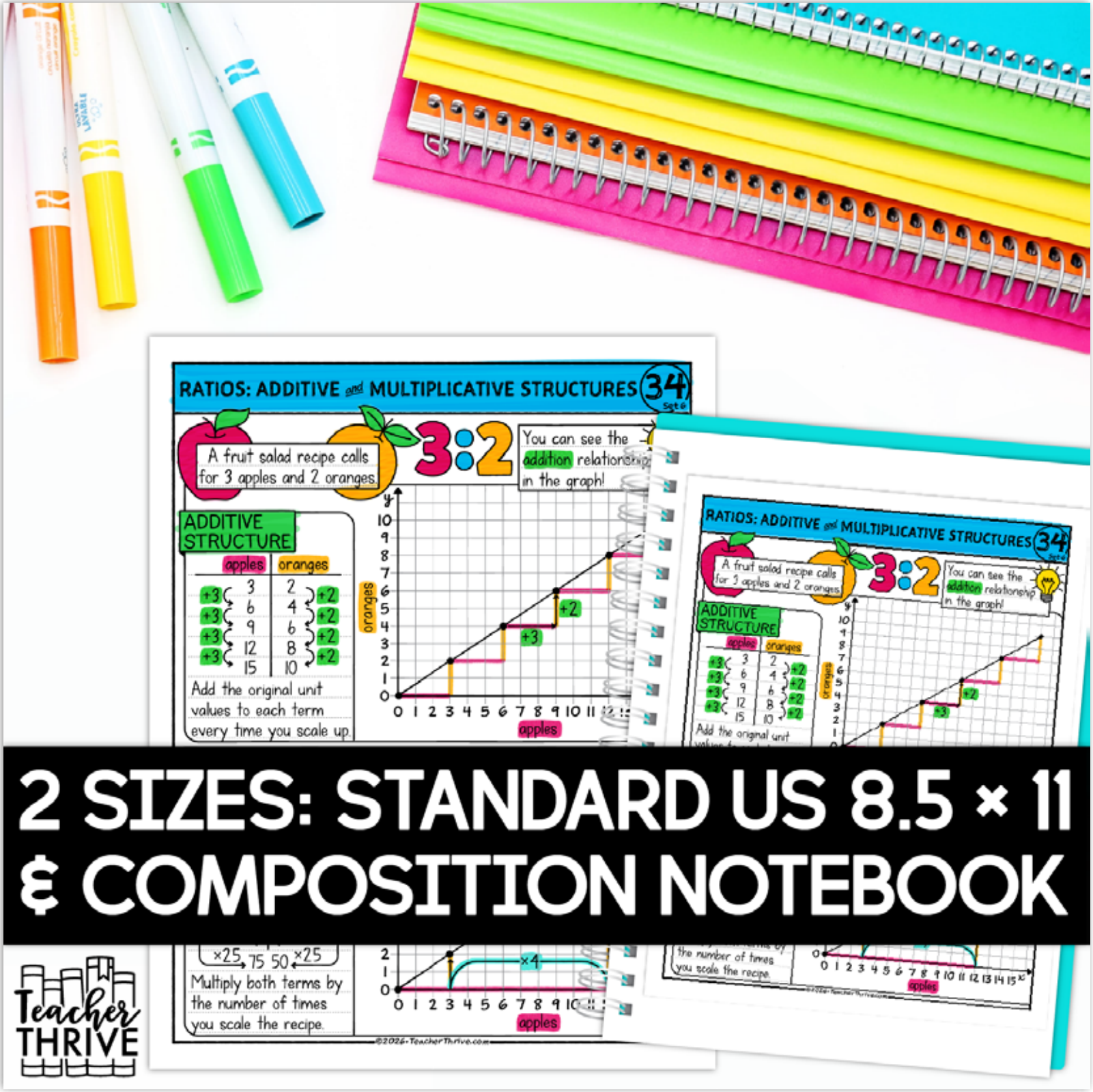
Teacher THRIVE

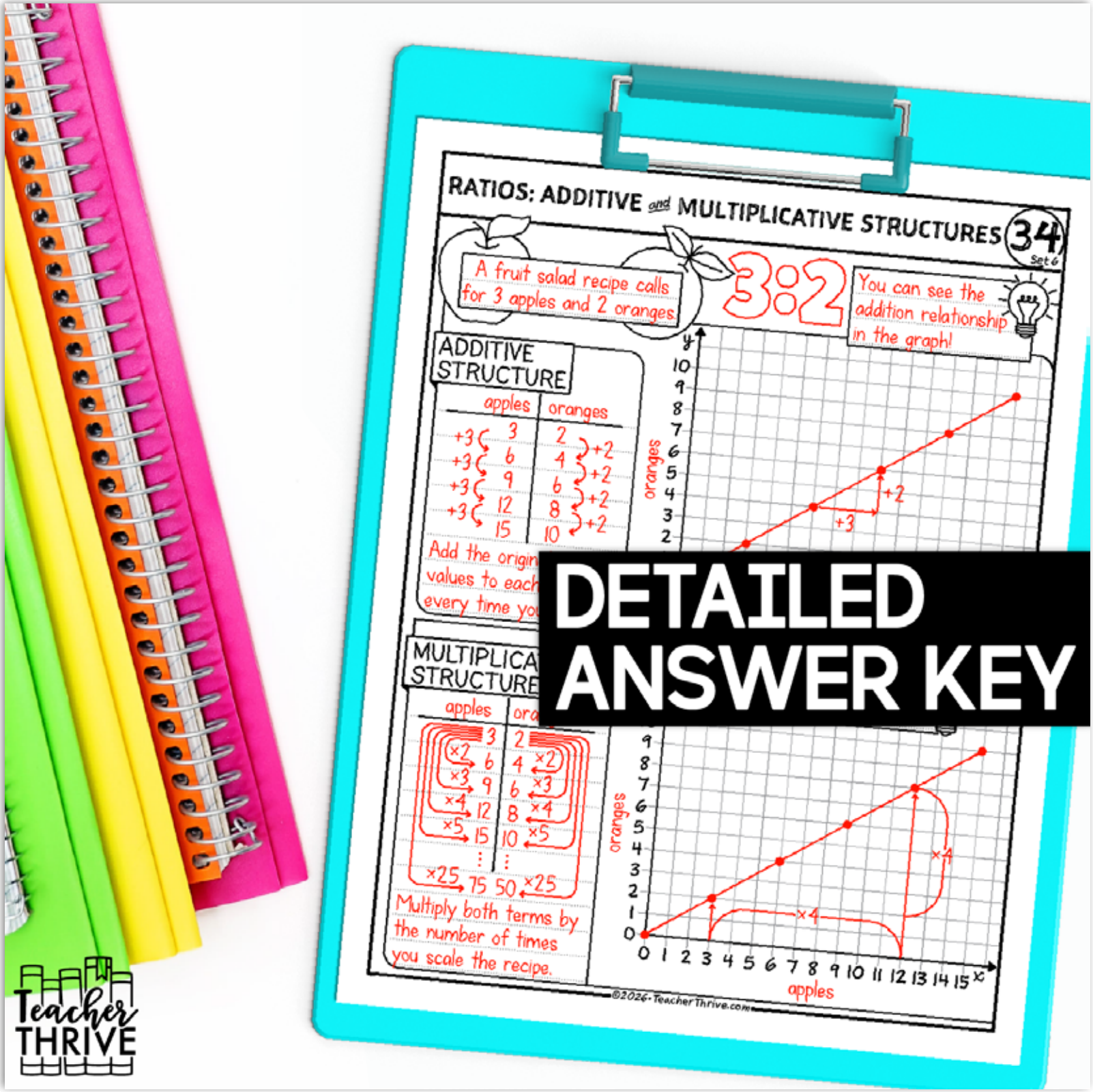
GRADE 6



STEP-BY-STEP POWERPOINT

Teacher THRIVE


RATIOS: ADDITIVE and MULTIPLICATIVE STRUCTURES
34
A fruit salad recipe calls for 3 apples and 2 oranges.
3:2
You can see the addition relationship in the graph!
ADDITIVE STRUCTURE
apples
oranges
Add the original unit values to each term every time you scale up.
Multiply both terms by the number of times you scale the recipe.
2 SIZES: STANDARD US 8.5 × 11
& COMPOSITION NOTEBOOK
Teacher THRIVE


RATIOS: ADDITIVE and MULTIPLICATIVE STRUCTURES
34
Set 6
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3
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×2
×3
×4
×5
×25
75
50
Multiply both terms by the number of times you scale the recipe.
oranges
apples
+2
+3
×4
×4
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DETAILED
ANSWER KEY
Teacher
THRIVE

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

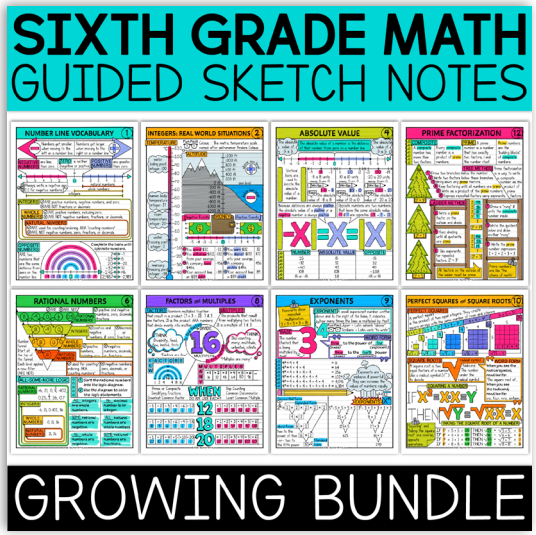
Guiding your students through the note-taking process is so easy and requires almost zero preparation!

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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