5TH GRADE

POWER™ Problems

Operations and Algebraic Thinking

Name: _____

Mrs. Kritch bought 24 glue
$3 each. She also purcha
pencil pouches at $5 eac
Kritch's teacher discount
$2 off the pencil pouches
an expression to show ho
money Mrs. Kritch spent.

Name: _____

Below is Janelle's work.
agree or disagree with
Explain.

23 + 3 x 5 - 12 ÷ 4
23 + 15 - 12 ÷ 4
23 + 15 - 3 - 2
23 + 15 - 1
38 - 1
37

Name: _____

POWER PROBLEM
5.OA.3 D

On a map 1 inch represents 4.5 miles. How many miles does 4 inches on the map cover?

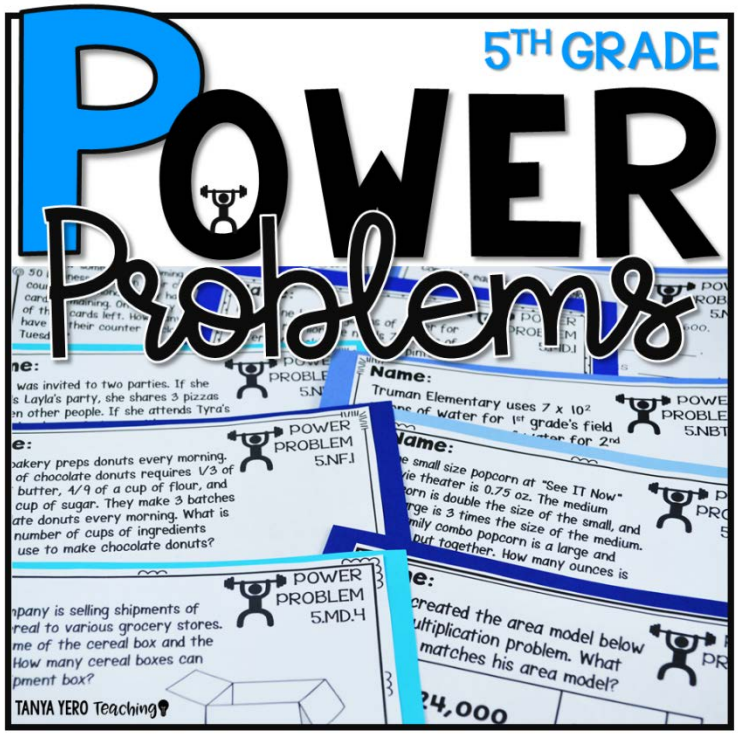
Inches on map				
Miles in real life				

TANYA YERO Teaching

>>> BRING RIGOR TO YOUR MATH BLOCK <<<

WHAT IS INCLUDED?

For each standard you will receive five conceptual based, rigorous word problems for each standard in the Numbers and Operations in Base Ten domain. There is space for student work and answers. Answer keys are also included.



Check out our bundle of Power Problems™ so you're covered for the entire school year!

WHAT ARE POWER PROBLEMS?

Power Problems™ are designed to challenge your students with their open-ended presentation. Majority of problems that come from textbooks and workbooks assess procedural understanding of curriculum. Some textbooks even provide step by step instructions where the textbook is thinking for the students and taking away that “productive struggle” for children. When we rob students of that event, we rob them of their ability to reason, problem solve, and see beyond a standard algorithm. Power Problems are designed to show students that there are different ways to answer one question in math. With these tasks students take ownership and are part of the problem solving process versus filling in blanks in a textbook.

PREVIEW

Name: _____

POWER PROBLEM 5.OA.1 E

Mrs. Kritch bought 24 glue sticks for $3 each. She also purc
pencil pouches at $5
Kritch's teacher disco
$2 off the pencil pouc
an expression to show
money Mrs. Kritch spe

Name: _____

POWER PROBLEM 5.OA.1 D

Below is Janelle's work. Do you agree or disagree with her work? Explain.

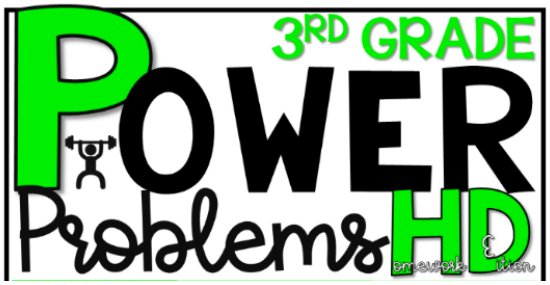
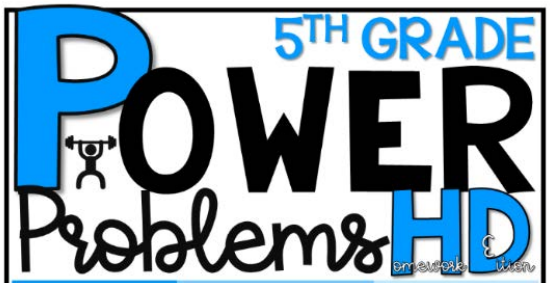
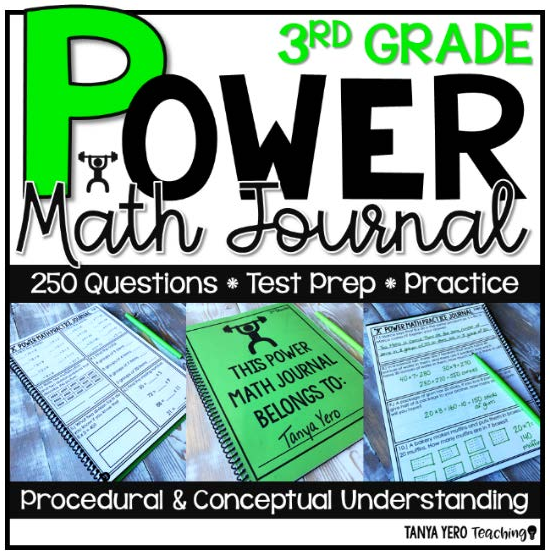
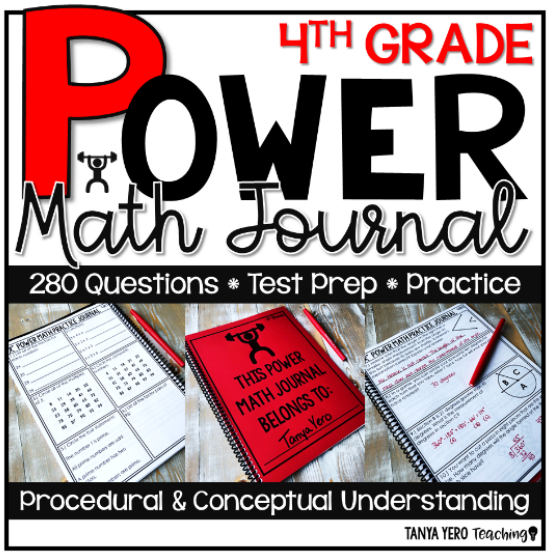
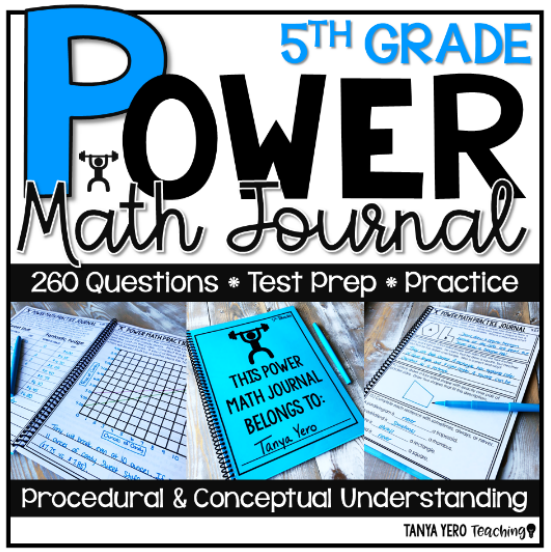
$$23 + 3 \times 5 - 12 \div 4 - 2$$
$$23 + 15 - 12 \div 4 - 2$$

Name: _____

POWER PROBLEM 5.OA.3 D

On a map 1 inch represents 4.5 miles. How many miles does 4 inches on the map cover?

Inches on map				
Miles in real life				

Don't miss out on more POWER MATH FUN!

- RIGOROUS QUESTIONS
- TEST PREP RESOURCES
- CONCEPTUAL THINKING
- OPEN ENDED QUESTIONS