

MATH WORKSHOP

MULTI-DIGIT DIVISION

PEANUT BUTTER AND JELLY DIVISION TIME

Answer key

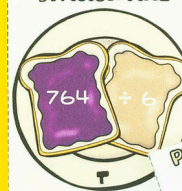
A	439	I	278	Q	1178 R1	Y	4875 R1
B	1084 R1	J	425	R	1178 R2	Z	4875 R2

PEANUT BUTTER AND JELLY DIVISION TIME

Directions:

- 1) Each player places their marker on start.
- 2) Then the first player draws a card and solves the problem using the distributive property.
- 3) The other player(s) checks the answer key. If the problem was solved correctly, move to the next numbered space. If it's not correct, do not move.
- 4) Then it's the next player's turn. Continue until the a person reaches the Finish. The first player to reach Finish wins!

PEANUT BUTTER AND JELLY DIVISION TIME



PEANUT BUTTER AND JELLY DIVISION TIME



PEANUT BUTTER AND JELLY DIVISION TIME



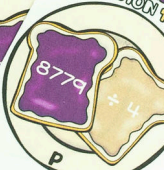
PEANUT BUTTER AND JELLY DIVISION TIME



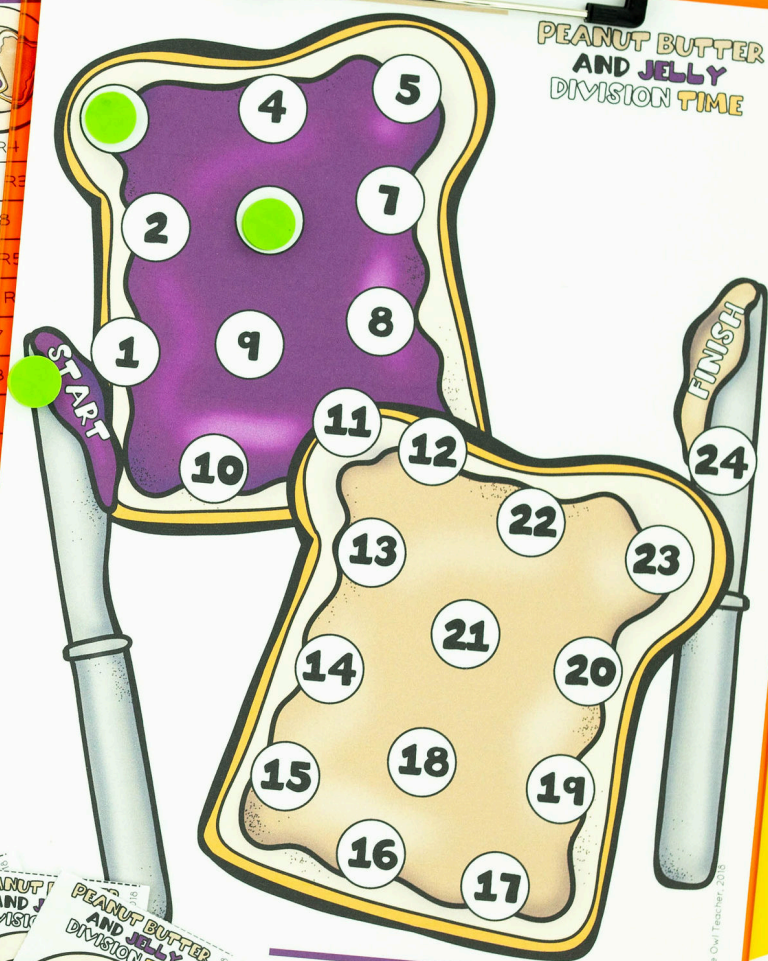
PEANUT BUTTER AND JELLY DIVISION TIME



PEANUT BUTTER AND JELLY DIVISION TIME



PEANUT BUTTER AND JELLY DIVISION TIME

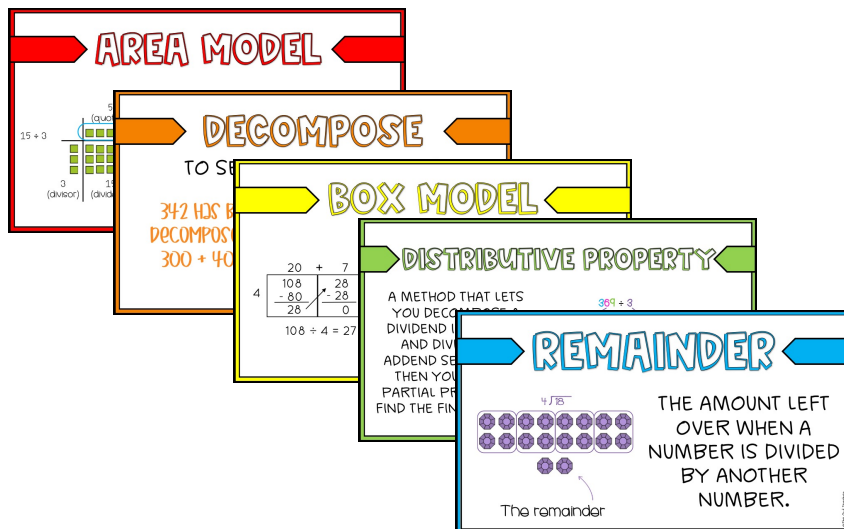


PRINTABLE & DIGITAL

4TH
GRADE

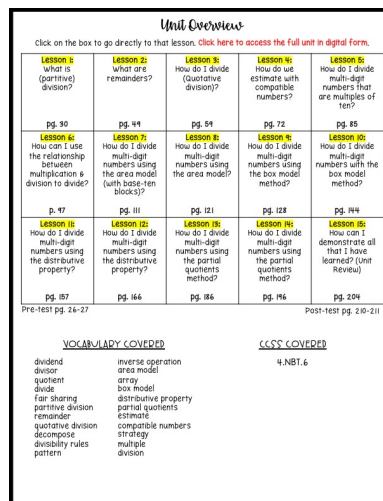


CCSS aligned vocabulary cards for use during the lessons, your word walls, and so much more. These are also included in the digital version so you can project them on your board.

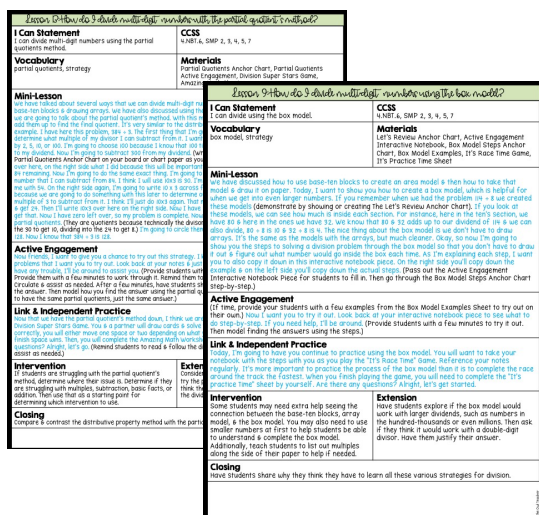


Pre-tests and Post-tests are provided so that you can determine what your students know and don't know. This also helps determine growth after the unit is complete.

A suggested unit overview and pacing is provided, though it's not necessary to follow it. This is to help make planning easy on you. It is also set up so you can just click on the lesson and it'll take you directly to it.



Detailed and thorough lesson plans to help you work through the workshop model. It includes the "I Can" statement, CCSS, vocabulary, materials used, intervention ideas, and extensions.



DIGITAL VERSION

This unit includes a digital version. You can assign parts of the resource to your students whether you are at school or distance learning.

LET'S REVIEW

THE PROBLEM: $114 \div 8$

Area Model (Base Ten Blocks)
Divisor = 8
Dividend = 114
Quotient = 14 R2

PARTIAL QUOTIENTS MODEL

A method used to solve large division problems by finding partial answers and then adding them up to find the final quotient.

$384 \div 3 = ?$

- Subtract from the dividend an easy multiple of the divisor such as 2x, 5x, 10x, 100x.
- Record the partial product in a column to the right of the problem.
- Repeat until the dividend has been reduced to zero or the remainder is less than the divisor.
- Add the **partial quotients** up to find the quotient.

$384 \div 3 = 128$

ACTIVITIES

Hands-on, concrete activities that use manipulatives. Activities are created based on research and best practices. Students are engaged and enjoy math more.

BIRDIE!

Use the distributive property to solve each problem. Write your answer in the box.

$8 \overline{) 56}$	$7 \overline{) 28}$	$9 \overline{) 36}$	$4 \overline{) 20}$
$6 \overline{) 12}$	$8 \overline{) 16}$	$7 \overline{) 14}$	$2 \overline{) 10}$
$4 \overline{) 24}$	$7 \overline{) 28}$	$7 \overline{) 28}$	$5 \overline{) 25}$
$2 \overline{) 12}$	$6 \overline{) 18}$	$7 \overline{) 28}$	$6 \overline{) 12}$
$9 \overline{) 27}$	$7 \overline{) 21}$	$8 \overline{) 24}$	$5 \overline{) 25}$
$3 \overline{) 21}$	$2 \overline{) 10}$	$4 \overline{) 12}$	$6 \overline{) 12}$

Don't Bug Me with a Quotient

Write the quotient in the box.

$88 \div 8 =$	$64 \div 8 =$	$86 \div 8 =$
$97 \div 7 =$	$36 \div 7 =$	$22 \div 7 =$
$77 \div 7 =$	$45 \div 8 =$	$91 \div 4 =$

AMAZING MATH

Write the answer in the box.

$6 \overline{) 288}$	$9 \overline{) 682}$
$7 \overline{) 638}$	$6 \overline{) 392}$
$4 \overline{) 328}$	$9 \overline{) 721}$
$5 \overline{) 105}$	

A MAZE OF DIVISION

Directions: Begin at the square labeled "start". Complete the problem in the square using the distributive property and then look to see which direction contains the answer. Follow the path to the next problem. Continue solving the problems and following the path with the answers until you arrive back at the "start". Use the line tool to create the path.

$637 \div 8$	$579 \div 3$	$1237 \div 2$	$9899 \div 8$	$1313 \div 5$
$79 \div 5$	181	136	$1288 \div 7$	$176 \div 8$
$834 \div 6$	139	$194 \div 7$	$312 \div 2$	
$9734 \div 5$	$1946 \div 8$			

PEANUT BUTTER AND JELLY DIVISION TIME

ANCHOR CHARTS

Detailed anchor charts that break things down for your students to help them understand important concepts.

BOX MODEL GAME

2913	8439	7755
------	------	------

DIVISION MANIA

Use **BASE-TEN BLOCKS** to solve the problem.

Use **THE AREA ARRAY MODEL** to solve the problem.

DIVISION SUPER STARS

DIVISION DRIVING

567 ÷ 9	108 ÷ 7	282 ÷ 6
148 ÷ 9	87 ÷ 8	
427 ÷ 7	290 ÷ 8	

PRACTICE WORKSHEETS

Worksheets are provided to give students a chance to practice the newly learned skills and to work their way to mastery. This also provides you the opportunity to check for understanding. Answer keys are included.

INCLUDES COLOR AND B/W VERSIONS!