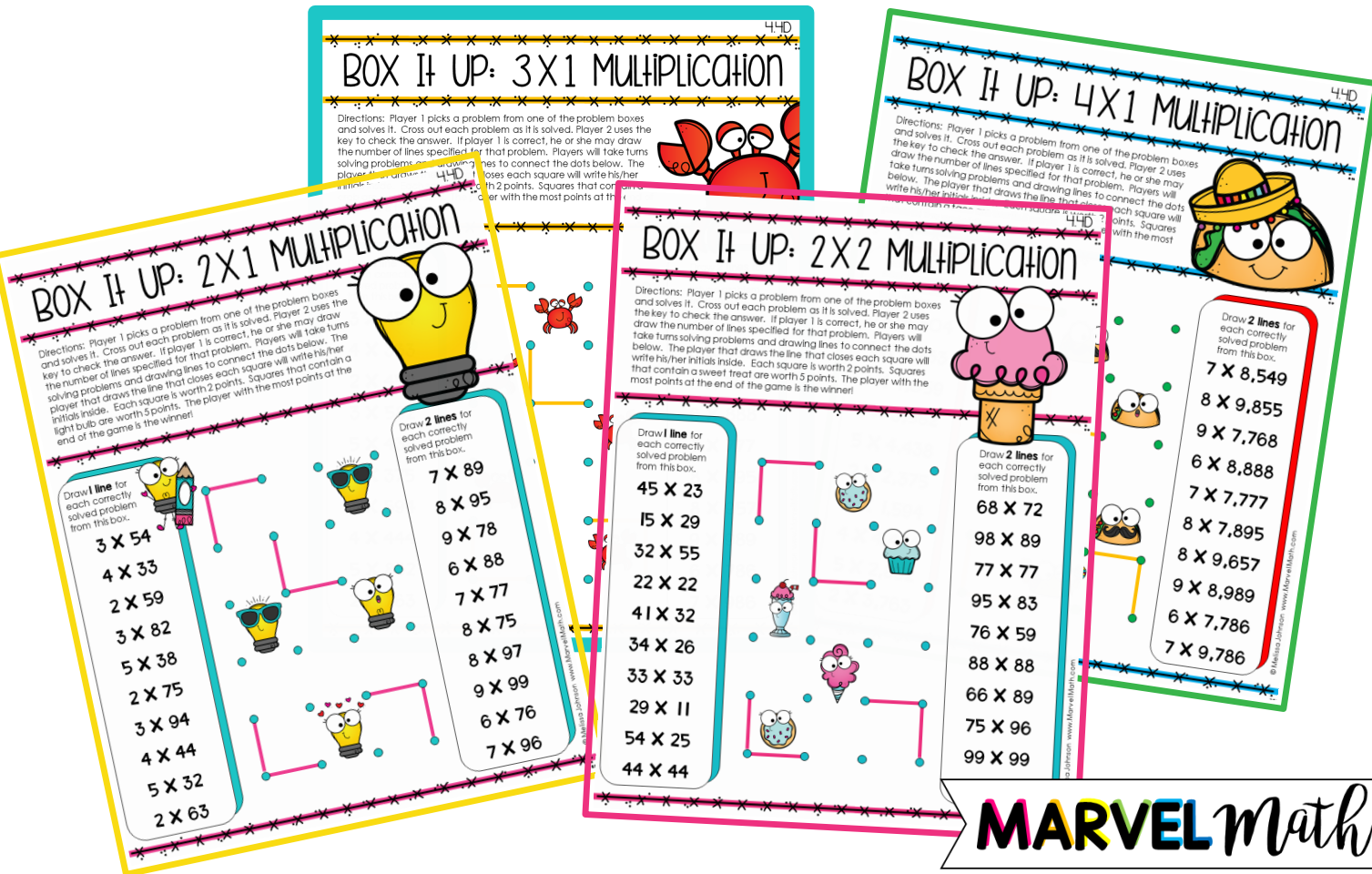


Includes 4 BOX IT UP MULTIPLICATION GAMES



Explain once. Students advance to new versions as their skills improve.

Includes 3 GAMES WITH WORD PROBLEMS

Space Race

x100 Problems

You will need: 1 die, 2 sets of colored chips (one for each player)
Instructions: Roll the die to select a planet. Select any problem instructions. Roll the die to solve it. Use the key to verify your answer. If on that planet and solve it, put a chip on the star next to your answer. If correct, put a chip on the star next to your answer. When all questions on the board have been answered, calculate the score to see who won the space race. 1 star on a planet: 5 points. 2 stars on a planet: 15 points. 3 stars on a planet: 30 points.

MERCURY
 $50,800 \div 10 = 5,080$
 $909 \times 10 = 9,090$

JUPITER
 A store has 72 space-themed puzzles. Each puzzle contains 100 pieces. How many total puzzle pieces are contained in all these puzzles?
 $72 \times 100 = 7,200$

SATURN
 The diameter of Saturn is about 74,500 miles. $74,500 \div 100 = 745$
 The ring system on Saturn is 282,000 m above the surface of the planet in certain places. $282,000 \div 2,820 = 100$

NEPTUNE
 Astronomers have located 82 moons for Saturn. If a satellite took 100 photos of each moon. How many photos would the satellite take?
 $82 \times 100 = 8,200$

MARS
 $404 \times 10 = 4,040$
 $720 \times 8 = 5,760$
 $5,050 \times 9 = 45,450$

JUPITER
 Jupiter has 67 moons. A satellite took 10 photos of each moon. How many photos did the satellite take?
 $67 \times 10 = 670$

SATURN
 The Great Red Spot is a giant storm on Jupiter that has raged for centuries. It is 25,000 km across. Complete this statement:
 $25,000 \div 100 = 250$

NEPTUNE
 Neptune has very fierce storms. One had high speed winds of 600 meters per second. $600 \div 10 = 60$

JUPITER
 A year on Neptune lasts 165 Earth years. How many Earth years would it take to travel 10 years on Neptune?
 $165 \times 10 = 1,650$

Shooting Hoops

MULTIPLICATION & DIVISION WORD PROBLEMS

YOU WILL NEED: dry erase marker, paper and pencil to work out problems.

INSTRUCTIONS: Player 1 selects a problem. Both players solve the problem independently. The player who selects the problem earns the number of points specified (2 or 3 points) for finding the correct answer. The other player earns one point for a correct answer on that turn. Players alternate roles on each turn. Keep track of the score using the scoreboard. The player with the most points when all problems have been solved is the winner!

SCOREBOARD

Player 1	Player 2
0	0

3 POINTS
 Julia had 5 boxes with 12 markers in each. She put an equal number of these markers into each of 8 bags, putting the maximum number in each. How many markers were left over?

3 POINTS
 Rick did 24 push-ups twice each day. He did this for 7 days. What was the total number of push-ups Rick completed?

3 POINTS
 Grace baked 16 batches of cookies. Each batch contained 18 cookies. She evenly separated all of the cookies onto plates to give to neighbors. Each neighbor received 8 cookies. How many neighbors received cookies?

3 POINTS
 Alejandra did 35 sit-ups three times a day for 6 days. What was the total number of sit-ups Alejandra completed?

3 POINTS
 Gurpreet has 7 boxes of legos. Each box contains 155 legos. He evenly separated the legos into 3 equal piles, placing the largest number of legos possible into those piles. How many legos did he have left over?

2 POINTS
 Eli has 245 Pokemon cards to put into plastic sheets. He can put 9 cards in each sheet. How many plastic sheets does he need to hold all of his Pokemon cards?

2 POINTS
 Xavier bought 3 pairs of socks that were \$4 each and a pair of tennis shoes for \$34.95. What was the total amount Xavier paid for the socks and tennis shoes?

2 POINTS
 Gigi has \$56 to spend on hay for her guinea pigs. Each bag of hay costs \$6. What is the greatest number of bags of hay can she buy with \$56?

2 POINTS
 An art gallery has 1,072 works of art to split evenly among 8 rooms for display. How many works of art will be displayed in each room?

2 POINTS
 Jamal is reading a book that is 288 pages. He wants to finish the book in 9 days. He plans to read the same number of pages each day. How many pages will he need to read each day?

SILLY SITUATIONS: ESTIMATING PRODUCTS

Directions: Player 1 spins both spinners and then fills in the blanks in the problem below to create a silly situation. Both players solve the problem. If player 2 is correct, he/she may roll the spinner and move that many spaces on the gameboard. If player 1 is correct, he/she may move 2 spaces.

Proper noun: name _____ has _____ bags of _____
 Noun: a thing _____ Each bag has _____
 Same noun as above _____ About how many _____
 Same noun as above _____ does he/she have?

Find a good estimate, keep the number from spinner 1, and round the number from spinner 2 to the nearest ten.

SPINNER 1

4	5
8	6
7	9

SPINNER 2

47	62	89
23	68	74
33	56	35
96	41	82

This one includes real facts about the planets!

Includes a game to practice

PARTIAL PRODUCTS & THE AREA MODEL

for multiplication

multiplication tic-tac-toe WORK MAT

Partial Products

Traditional Multiplication

Area Model

32 X 25

87 X 43

76 X 34

99 X 67

32 X 15

87 X 4

76 X 34

99 X 67

MARVEL Math

Includes 3 DIVISION BUMP GAMES



Explain once. Students advance to new versions as their skills improve.

Includes a game to practice representing division with **EQUATIONS, ARRAYS & THE AREA MODEL**

REPRESENTING DIVISION at the Beach

TEKS: 4.4E

YOU WILL NEED: paper clip to use as spinner, 2 sets of colored chips

INSTRUCTIONS: Player 1 spins the spinner to select a division problem and then puts a chip on an array, area model, or set of equations that relate to or represent that division problem. Players alternate turns. The first player to get 3-in-a-row wins!

Example:
 $36 \div 2$ can be represented by:
 $\begin{array}{|c|c|} \hline 10 & 8 \\ \hline 2 & 16 \\ \hline \end{array}$
 $36 \div 18 = 2$
 $18 \times 2 = 36$

© Melissa Johnson www.MoveMath.com

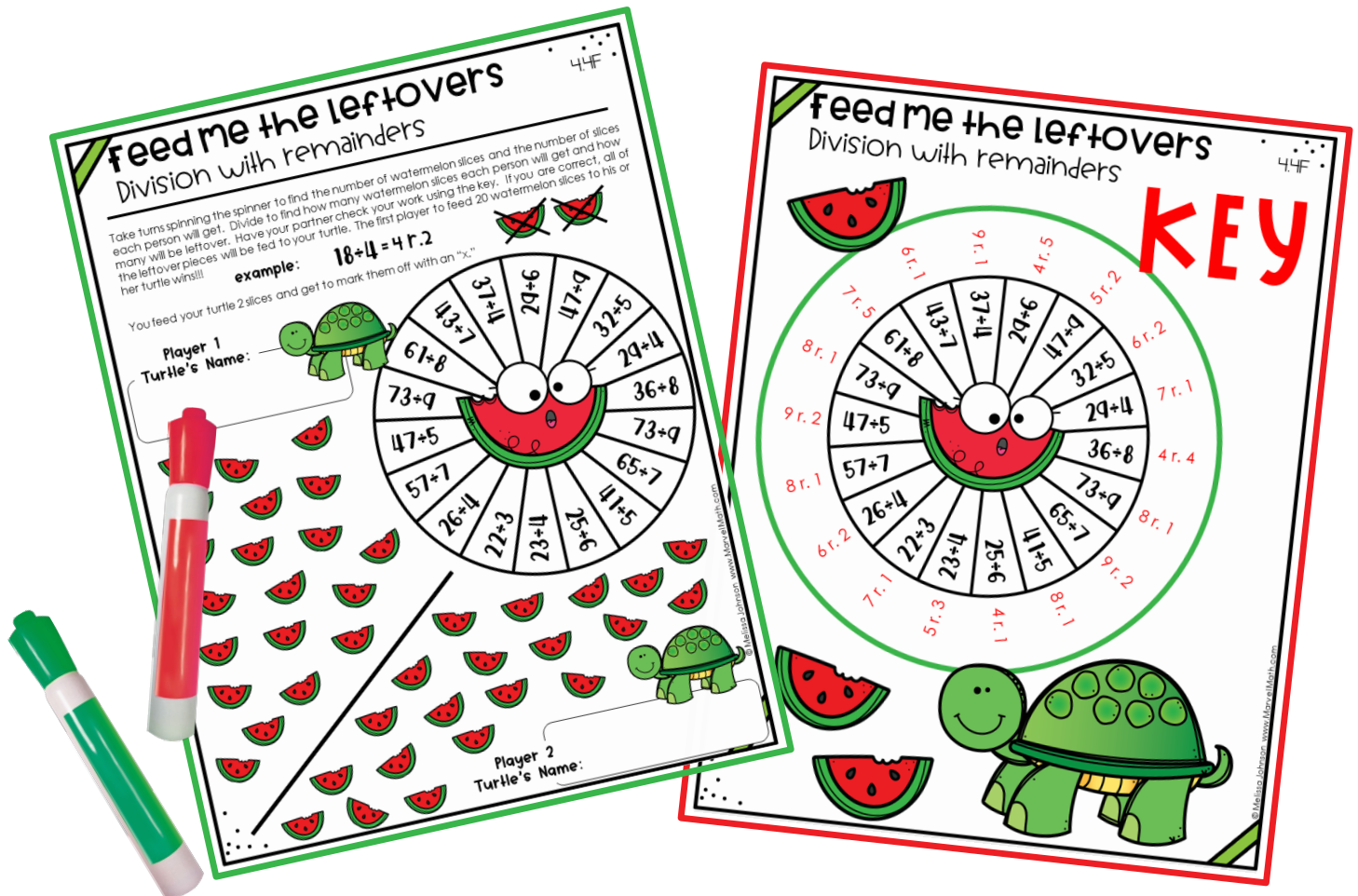
REPRESENTING DIVISION at the Beach

TEKS: 4.4E

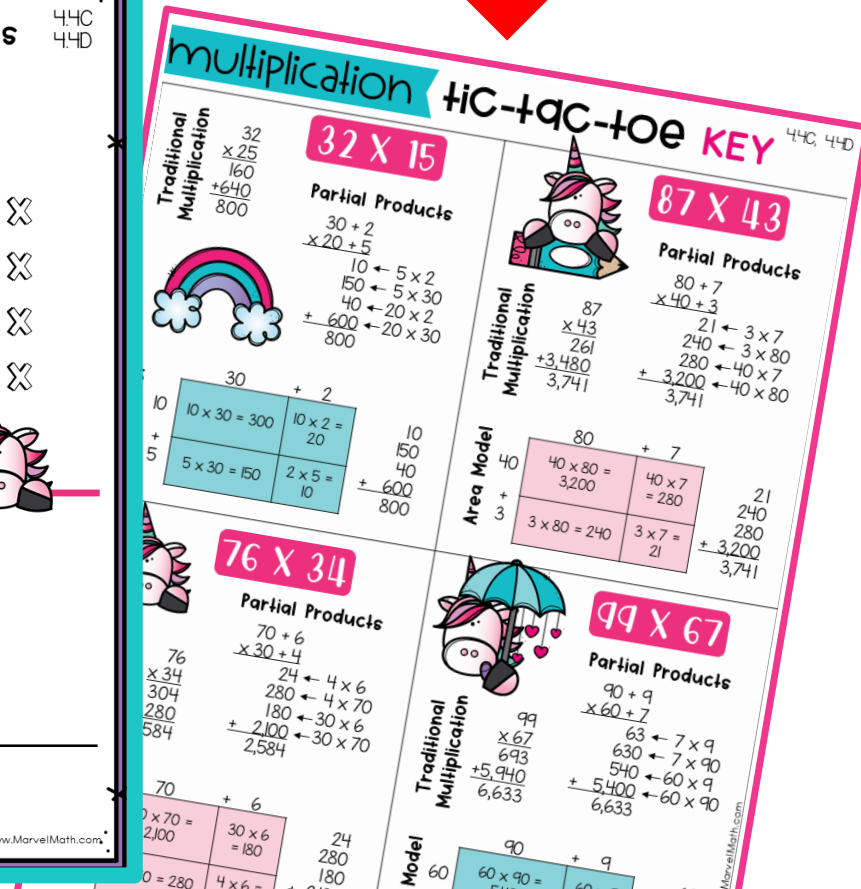
KEY

© Melissa Johnson www.MoveMath.com

Includes a game to practice DiViSiON with REMAiNDERS



Every game includes a **KEY**



MARVEL Math

HOW CAN I USE THIS RESOURCE?

MATH STATIONS

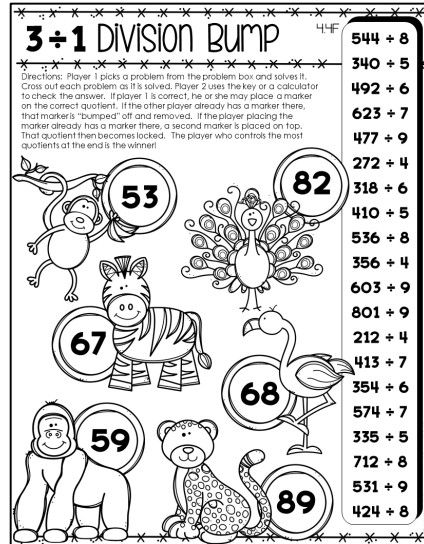
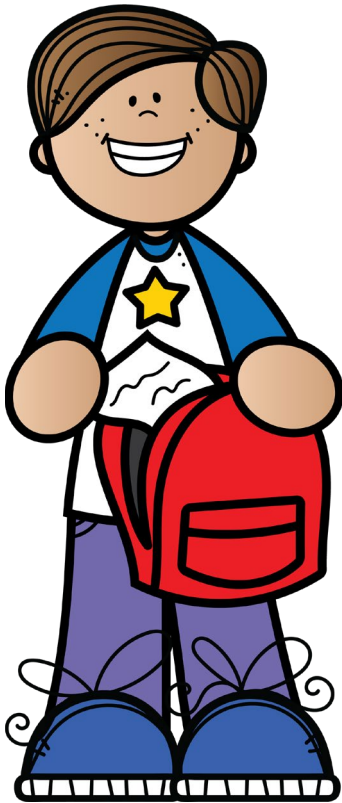


INTERVENTION & TUTORING:

Play against your small group. Think aloud on your turns as part of your mini-lesson.



HOW CAN I USE THIS RESOURCE?



FUN HOMEWORK

Use the included
blackline versions
and recording
sheets.

DIVISION BUMP RECORDING SHEET

Name: _____

Record the work for each problem you solve during the Box 'n' Up Game.

1 2

3 4

DIVISION BUMP RECORDING SHEET

Name: _____

Record the work for each problem you solve during the Box 'n' Up Game.

5 6

Check out the
BUNDLE OF GAMES to cover
ALL THE MATH TEKS

PLACE VALUE
4th GRADE TEKS
Comparing Numbers
Rounding
Place Value Relationships
No Prep GAMES MARVELmath

FRACTIONS
4th GRADE TEKS
Fraction Bowling
Unit Fraction
No Prep & Low Prep GAMES MARVELmath

GEOMETRY
4th GRADE TEKS
Quadrilateral Bingo
Angle Fishing
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Multiplication & Division
4th GRADE TEKS
Shooting Hoops
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DATA ANALYSIS
4th GRADE TEKS
& Spin
AND-LEAF PLOTS
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MEASUREMENT
4th GRADE TEKS
Conversion Table
PERIMETER & AREA
ELAPSED TIME
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SUBTRACTION
4th GRADE TEKS
SUMS & DIFFERENCES
KEY
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FINANCIAL LITERACY
4th GRADE TEKS
CALCULATING PROFIT
KEY
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ALL 4th Grade TEKS NO-PREP GAMES BUNDLE

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