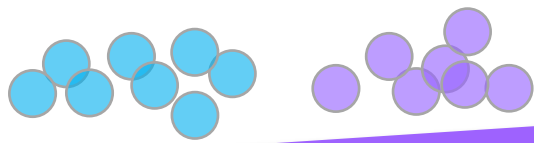


Multiplication & Division

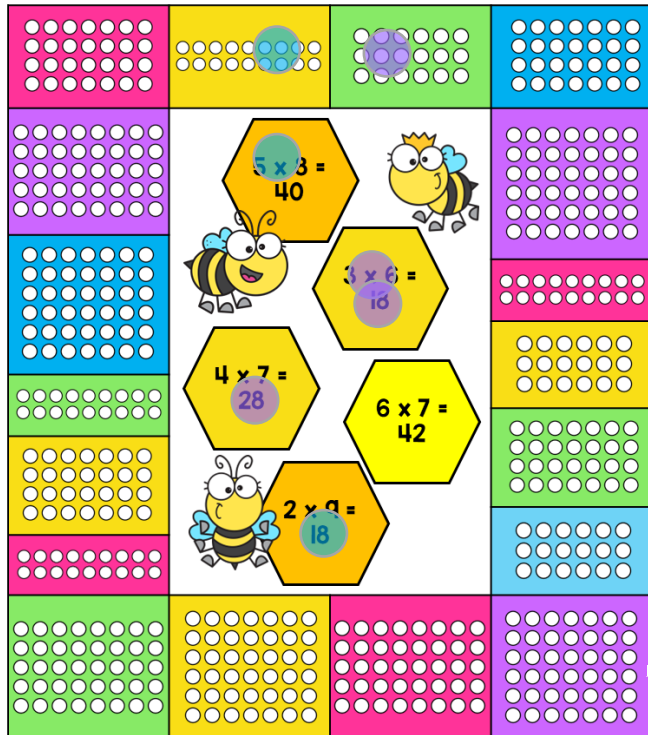
No Prep Games



Array Bump

CCSS: 3.OA.A.3 TEKS: 3.4D, 3.4E

Directions: Player 1 rolls the die and moves that many spaces around the gameboard. Player 1 may put a chip on the circle with the math fact that is represented by the array. Player 2 repeats this process. If a player has 1 chip on a math fact, the other player can "bump" that chip off and replace it with their own. If a player lands on an array and is able to put a 2nd chip on a math fact, that math fact becomes locked. The player who controls the most math facts at the end of the game, wins!



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Leap Frog

Multiplication on a Number Line

Player: 3 5

CCSS: 3.OA.A.1 TEKS: 3.4E

Directions: Each player needs a game board. Roll two dice. One is the number of jumps and the other will be the length of each jump. The number of your final jump is your product. Your partner takes a turn and follows the same steps. The player with the larger product earns a point. The player who wins 2 out of 3 rounds is the overall winner!!!!

Example
5 jumps of 3
 $5 \times 3 = 15$

Product



3 jumps of 5 $3 \times 5 = 15$



_____ jumps of _____ x _____ = _____

_____ jumps of _____ x _____ = _____

3rd
GRADE

10 Fun & Engaging Games

Your students will love playing



Just Print and Play

No cutting needed

X's and O's
Making Equal Groups

3.O.A.A.1
TEKS: 3.4D
3.4E

Directions: Each player will need their own copy of this page. Roll two dice. Decide which one will be the O's. Make that number of large circles. Use the other number as the X's. Put that many X's in each circle. Your partner takes a turn and follows the same steps. The player with the larger product earns a point. Check the box next to the player who wins the point each round. The first player to 3 points wins!!!

Example: O's X's

3 groups of 5
 $3 \times 5 = 15$
Product

Player: _____

$\frac{4}{4} \times \frac{2}{2} = \frac{8}{8}$

groups of _____
x _____ = _____

groups of _____
x _____ = _____

groups of _____
x _____ = _____

groups of _____
x _____ = _____

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Leap Frog
Multiplication on a Number Line

CCSS: 3.OA.A.1 TEKS: 3.4E

Player: _____

Directions: Each player needs a game board. Roll two dice. One is the number of jumps and the other will be the length of each jump. The number of your final jump is your product. Your partner takes a turn and follows the same steps. The player with the larger product earns a point. The player who wins 2 out of 3 rounds is the overall winner!!!!

Example: **Product**

5 jumps of 3
 $5 \times 3 = 15$

3 jumps of 5
 $3 \times 5 = 15$

5 10 15

_____ jumps of _____ x _____ = _____

_____ jumps of _____ x _____ = _____

©Melissa Johnson www.MarvelMath.com

Color and Blackline Versions

For every game

Division Story Bump

CCSS: 3.OA.A.2
TEKS: 3.4H

Directions: Player 1 rolls the die and moves that many spaces around the gameboard. Player 1 solves the problem and may put a chip on the circle with the correct quotient. Player 2 repeats this process. If a player has 1 chip on a quotient, the other player can "bump" that chip off and replace it with their own. If a player solves a problem and is able to put a 2nd chip on a quotient that already has one of their chips, that quotient becomes locked. The player who controls the most quotients at the end of the game, wins!

Elijah had 24 cookies to evenly share between 6 people. How many cookies did each person get?

Bailey had 32 fish to put into 4 tanks. She put the same number in each tank. How many fish are in each tank?

There are 18 students to evenly split into 3 groups. How many students will be in each group?

Three friends evenly share the \$21 they made selling lemonade. How much does each person get?

The librarian has 45 chairs to put around 9 tables. If each table has the same number of chairs, how many chairs will be at each table?

Quotients



There are 20 muffins to put on 5 trays. The same number will be put on each tray. How many will be on each tray?

Abril and 3 friends will evenly share the \$24 they made selling bookmarks. How much will each of them get?

There are 35 books to put in 5 bins. The same number will go in each bin. How many books will be in each bin?

There are 56 popsicle sticks for 8 groups to evenly share for a project. How many popsicle sticks will each group get?

Jackson is reading a book that is 72 pages. He will read 9 pages every day. How many days will it take to finish his book?

Samir will put 40 crackers into 8 bags. If each bag has an equal number, how many crackers will go into each bag?

There are 36 pencils to be split evenly between 9 boxes. How many pencils will be put into each box?

Zach has 64 ounces of Gatorade to evenly share between 8 cups. How many ounces will each cup have?

Ellie has 48 flowers to plant evenly in 8 rows. How many flowers will she plant in each row?

Division Story Bump

CCSS: 3.OA.A.2
TEKS: 3.4H

Directions: Player 1 rolls the die and moves that many spaces around the gameboard. Player 1 solves the problem and may put a chip on the circle with the correct quotient. Player 2 repeats this process. If a player has 1 chip on a quotient, the other player can "bump" that chip off and replace it with their own. If a player solves a problem and is able to put a 2nd chip on a quotient that already has one of their chips, that quotient becomes locked. The player who controls the most quotients at the end of the game, wins!

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Keys for Every Game

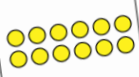
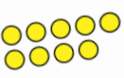
Make these perfect for self-checking math stations

Even & Odd
4-in-a-Row

TEKS: 3.4I

Directions: Players take turns spinning and placing chips on the gameboard. Spin the spinner to see what type of number you can put your chip on this round. The winner is the first player to have 4 chips in a row in any direction!

SPINNER: EVEN (blue) / ODD (orange)

 51	 24	 39	 	52
58		14		35
	73	41	18	
90	37		67	43
76		42		40

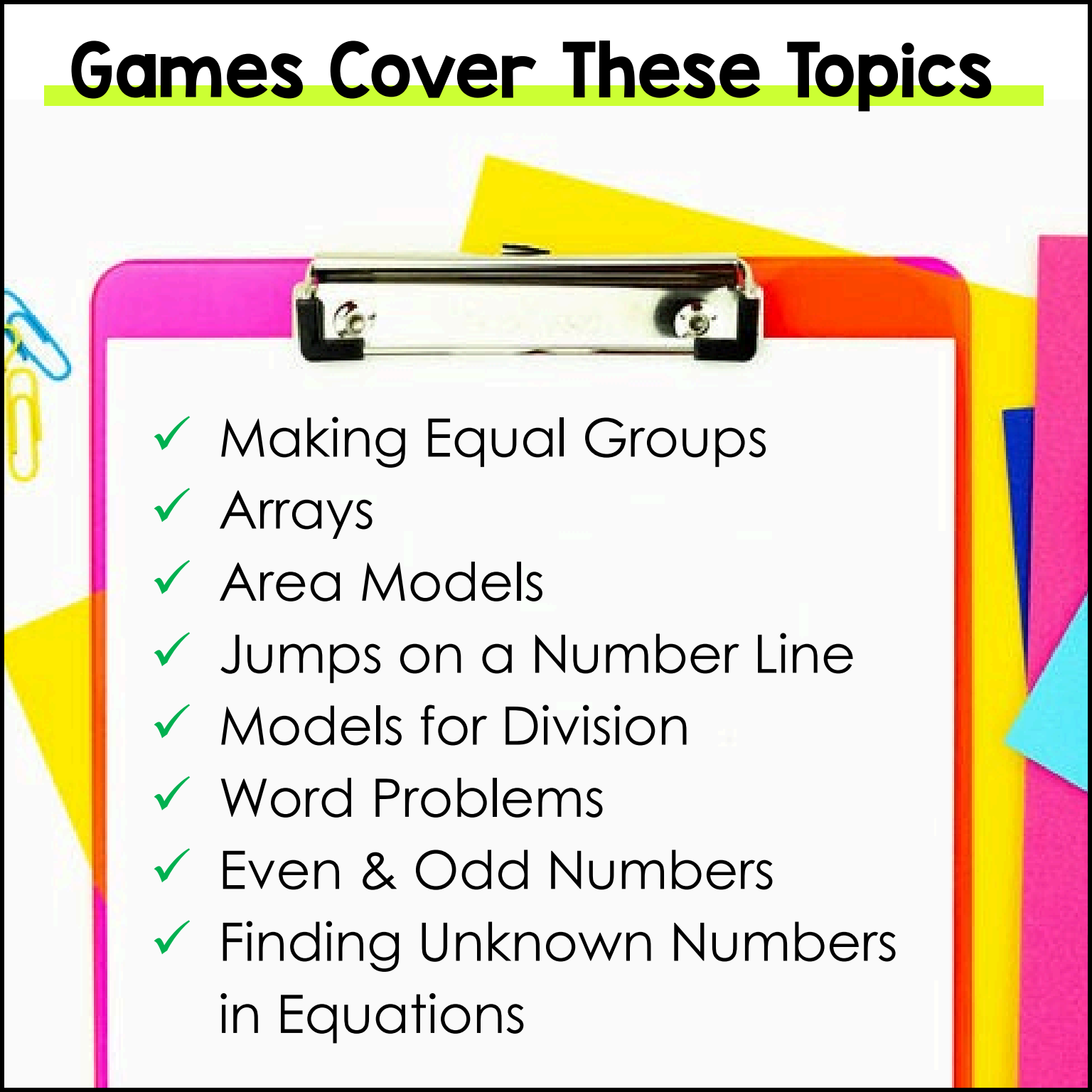
Even & Odd
4-in-a-Row

KEY

Odd	Even	Odd	Odd	Even
Even	Even	Even	Even	Odd
Odd	Odd	Odd	Even	Even
Odd	Even	Odd	Odd	Odd
Odd	Even	Odd	Odd	Even

Games Cover These Topics

- 
- ✓ Making Equal Groups
 - ✓ Arrays
 - ✓ Area Models
 - ✓ Jumps on a Number Line
 - ✓ Models for Division
 - ✓ Word Problems
 - ✓ Even & Odd Numbers
 - ✓ Finding Unknown Numbers in Equations

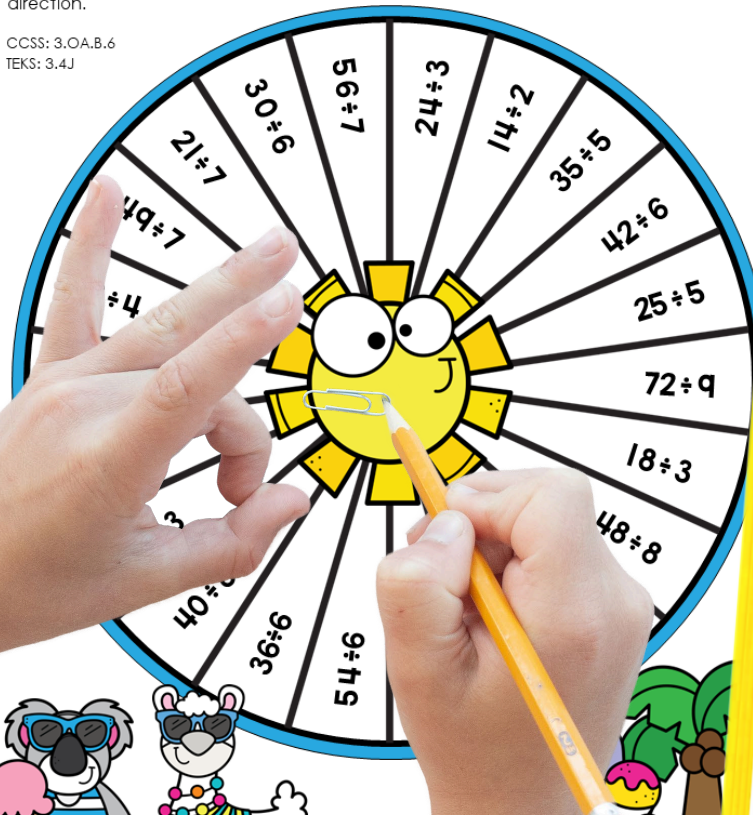
Meaningful Practice

Every game practices important skills. In this game students think about related multiplication facts to solve division.

Think Multiplication 4-in-a-Row

Directions: One player spins the spinner to find a division problem. All players think about the multiplication problem that would be used to help solve that division problem. Each player finds that problem on their 4-in-a-Row board and writes in the missing factor. Players take turns spinning each round. The winner is the first player to fill in 4 missing factors in any direction.

CCSS: 3.OA.B.6
TEKS: 3.4J



Think Multiplication 4-in-a-Row

CCSS: 3.OA.B.6
TEKS: 3.4J



$5 \times \underline{\quad} = 35$	$8 \times \underline{\quad} = 48$	$2 \times \underline{\quad} = 14$	
$6 \times \mathbf{9} = 54$		$5 \times \underline{\quad} = 25$	8
$4 \times \mathbf{4} = 16$	Free Space	$3 \times \underline{\quad} = 27$	7
$3 \times \underline{\quad} = 18$	$4 \times \mathbf{8} = 32$	$\underline{\quad} = 49$	6
$7 \times \underline{\quad} = 56$	$5 \times \underline{\quad} = 45$	Free Space	2

Bonus Division Strategies Page

to support students playing this game!

Division Strategies

CCSS: 3.OA.B.6, 3.OA.C.7
TEKS: 3.4F, 3.4J

$$42 \div 6$$



Skip Count

Count by 6's until you get to 42

How many numbers did you write to get to 42?

6, 12, 18, 24, 30, 36, 42

1 2 3 4 5 6 7

So, $42 \div 6 = 7$

Repeated Subtraction

Start with 42.
Subtract groups of 6 until you get to zero.

How many times did you need to subtract by 6 to get to zero?

$42 - 6 = 36$ 1
 $36 - 6 = 30$ 2
 $30 - 6 = 24$ 3
 $24 - 6 = 18$ 4
 $18 - 6 = 12$ 5
 $12 - 6 = 6$ 6
 $6 - 6 = 0$ 7

So, $42 \div 6 = 7$

Think Multiplication

6 times what equals 42

$6 \times ? = 42$

$6 \times 7 = 42$

So, $42 \div 6 = 7$



Fact from Memory

Solve by remembering your division math facts.

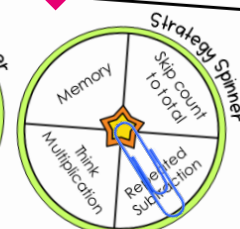
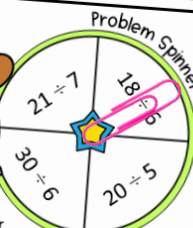
$42 \div 6 = 7$



Division 3 in a Row

CCSS: 3.OA.B.6, 3.OA.C.7
TEKS: 3.4F, 3.4J

Directions: Spin the division problem spinner and the division strategy spinner. Use the strategy you land on to solve the problem on the other spinner. Show your work in the correct box and put your initials in it. If you land on a box that has already been taken, spin one spinner again. The first player to have any 3 in a row wins!!!



Skip Count

$$30 \div 6$$

$$21 \div 7$$

$$20 \div 5$$

$$18 \div 6$$



6, 12, 18, 24, 30

$30 \div 6 = 5$

Repeated Subtraction

$21 - 7 = 14$
 $14 - 7 = 7$
 $7 - 7 = 0$

$21 \div 7 = 3$

$20 - 5 = 15$
 $15 - 5 = 10$
 $10 - 5 = 5$
 $5 - 5 = 0$

$20 \div 5 = 4$

Think Multiplication

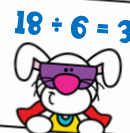
$6 \times ? = 30$
 $6 \times 5 = 30$

$30 \div 6 = 5$

$5 \times ? = 20$
 $5 \times 4 = 20$

$20 \div 5 = 4$

Fact from Memory



$18 \div 6 = 3$

This resource is included in this Time & Money Saving Bundle

[Click here](#)

3rd Grade TEKS Multiplication & Division BUNDLE

