

# POWER MATH

## Reference Mats

2ND GRADE

Differentiated

3 Levels of Work

LOW PREP!

### POWER Math Reference Mat GROUP A

#### Target Skills:

- 1.) Identify odd sets of dots
- 2.) Identify even sets of dots
- 3.) Match even and odd numbers
- 4.) Identify rectangles

Each number on the left is odd. Draw a line to match it to the even number comes next.

1  
3  
5  
7

### POWER Math Reference Mat GROUP B

#### Target Skills:

- 1.) Identify a set of objects with an odd number
- 2.) Identify a set of objects with an even number
- 3.) Write an equation with even and odd addends
- 4.) Write an equation with odd addends

Look back at #1. Write an addition eq. with the top and bottom rows as addends. What do you notice about the sum?

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

Look back at #2. Write an addition eq. with the top and bottom rows as addends. What do you notice about the sum?

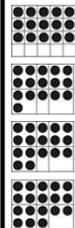
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

### POWER Math Reference Mat GROUP C

#### Target Skills:

- 1.) Identify groups with an odd number of items
- 2.) Identify patterns in 2 digit numbers
- 3.) Identify even and odd numbers in rows of 5
- 4.) Identify rectangles

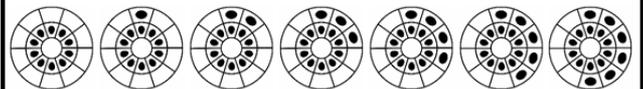
Match each set of dots to even or odd.



even

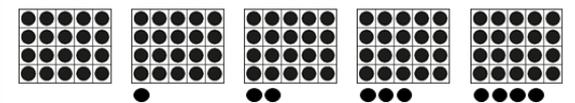
odd

Circle or color the frames with an odd number of dots. #1



What do you notice about the pattern of inside and outside dots?

In a 2 digit number does the number in the tens change whether the number is even or odd? #2



Test each set of addends below and write whether the sum will be even or odd. #4

$$\underline{\text{even}} + \underline{\text{even}} = \underline{\quad}$$

$$\underline{\text{odd}} + \underline{\text{odd}} = \underline{\quad}$$

$$\underline{\text{odd}} + \underline{\text{even}} = \underline{\quad}$$

TANYA YERO Teaching

OA \* TAKE THE GUESS WORK OUT OF ROTATIONS!

# What are **POWER MATH** Reference Mats?

Guided Math Reference Mats are designed to assist teachers during math rotations. Housed with specific target skills for each level in your class, Guided Math Reference Mats come with various problems for you to give to your students when working in small groups. Group A is for students who are in need of remediation, Group B is for students working on grade level, and Group C is for students who need enrichment.



## Design of each mat:

Each mat comes with target skills that are designed to match the needs of each student level in your class. There are questions/problems for each target skill which can be given to your students.

**POWER MATH Reference Mat**  
**GROUP C 2.OA.3** Determine whether a group of objects has an even or odd number; write an equation with even and odd numbers.

**#1** Circle or color the frames with an odd number of dots.  
What do you notice about the pattern of inside and outside dots?

**#2** In a 2 digit number does the number in the tens change whether the number is even or odd?

**#3** Match each set of dots to even or odd.  
even  
odd

**#4** Test each set of addends below and write whether the sum will be even or odd.  
even + even = \_\_\_\_\_  
odd + odd = \_\_\_\_\_  
odd + even = \_\_\_\_\_

This purchase contains 18 Guided Math Reference Mats for all the geometry standards for 4<sup>th</sup> grade. For each standard there are three mats for different ability levels in your classroom. Designed to meet the needs of your students, these mats can be used during small group instruction or anytime you need specific examples aligned to remediation, on grade level work, or enrichment. Answer keys are included. Materials needed: whiteboards, expo markers, and erasers OR paper and pencils.

# SAMPLE POWER MATH MATS

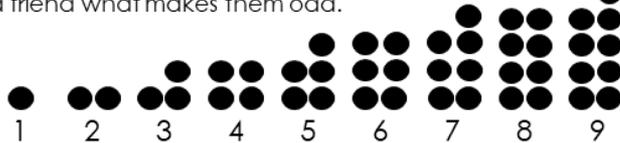
## POWER Math Reference Mat GROUP A 2.OA.3

Determine whether a group of objects has an even or odd number; write an equation with even and odd numbers.

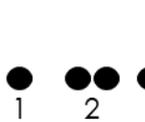
### Target Skills:

- 1.) Identify odd sets of dots
- 2.) Identify even sets of dots
- 3.) Match even and odd numbers
- 4.) Identify rectangles

Circle the odd sets of dots. Explain to a friend what makes them odd. #1



Circle the even sets of dots. Explain to a friend what makes them even. #2



## POWER Math Reference Mat GROUP B 2.OA.3

Determine whether a group of objects has an even or odd number; write an equation with even and odd numbers.

### Target Skills:

- 1.) Identify a set of objects with an odd number
- 2.) Identify a set of objects with an even number
- 3.) Write an equation with an even and an odd number

How many peanuts are below? Is it even or odd? How do you know? #1



How many peanuts are below? Is it even or odd? #2



Representing two odd addition equation using end. What do you notice? #4

\_\_\_\_\_ = \_\_\_\_\_

Each number on the left is odd. Draw a line to match it to the even number that comes next. #3

- |   |    |
|---|----|
| 1 | 4  |
| 3 | 6  |
| 5 | 8  |
| 7 | 10 |

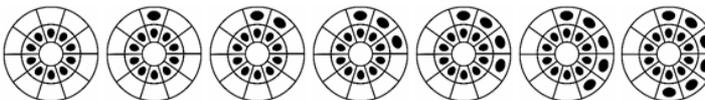
## POWER Math Reference Mat GROUP C 2.OA.3

Determine whether a group of objects has an even or odd number; write an equation with even and odd numbers.

### Target Skills:

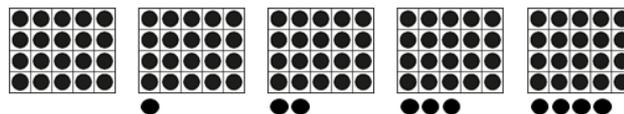
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- 3.) Identify even and odd numbers in rows of 5
- 4.) Identify rectangles

Circle or color the frames with an odd number of dots. #1

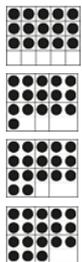


What do you notice about the pattern of inside and outside dots?

In a 2 digit number does the number in the tens change whether the number is even or odd? #2



Match each set of dots to even or odd. #3



even

odd

Test each set of addends below and write whether the sum will be even or odd. #4

$$\underline{\text{even}} + \underline{\text{even}} = \underline{\quad}$$

$$\underline{\text{odd}} + \underline{\text{odd}} = \underline{\quad}$$

$$\underline{\text{odd}} + \underline{\text{even}} = \underline{\quad}$$

# Don't miss out on more **P**OWER MATH FUN!

 RIGOROUS  
QUESTIONS

 TEST PREP  
RESOURCES



 CONCEPTUAL  
THINKING

 OPEN ENDED  
QUESTIONS

**3<sup>RD</sup> GRADE**  
**P**OWER  
PROBLEMS

**4<sup>TH</sup> GRADE**  
**P**OWER  
PROBLEMS

**5<sup>TH</sup> GRADE**  
**P**OWER  
PROBLEMS

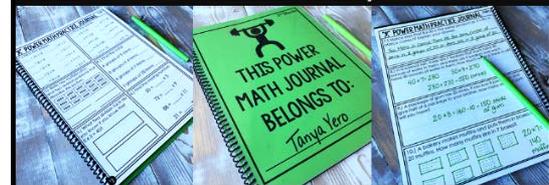
**3<sup>RD</sup> GRADE**  
**P**OWER  
Problems **HD**

**4<sup>TH</sup> GRADE**  
**P**OWER  
Problems **HD**

**5<sup>TH</sup> GRADE**  
**P**OWER  
Problems **HD**

**3<sup>RD</sup> GRADE**  
**P**OWER  
Math Journal

250 Questions \* Test Prep \* Practice

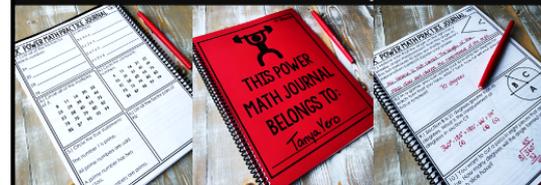


Procedural & Conceptual Understanding

TANYA YERO Teaching

**4<sup>TH</sup> GRADE**  
**P**OWER  
Math Journal

280 Questions \* Test Prep \* Practice



Procedural & Conceptual Understanding

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**5<sup>TH</sup> GRADE**  
**P**OWER  
Math Journal

260 Questions \* Test Prep \* Practice



Procedural & Conceptual Understanding

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