

# Number Talks

# SAMPLER

**3RD** Grade **Grab & Go** Number Talks

TANYA YERO Teaching

Sample cards include:  
 - Mental math:  $65 + 98$   
 - Mental math:  $63 + 7$   
 - Number sense strategy: **NUMBER TALKS PROBLEM OF THE DAY**  
 - Number sense strategy: **NUMBER SENSE STRATEGIES**

**4TH** Grade **Grab & Go** Number Talks

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Sample cards include:  
 - Mental math:  $21 \times 9$   
 - Mental math:  $10,000 \times 25$   
 - Number sense strategy: **NUMBER TALKS PROBLEM OF THE DAY**  
 - Number sense strategy: **NUMBER SENSE STRATEGIES**

**5TH** Grade **Grab & Go** Number Talks

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Sample cards include:  
 - Mental math:  $162 + 398$   
 - Mental math:  $22 \times 1$   
 - Number sense strategy: **NUMBER TALKS PROBLEM OF THE DAY**  
 - Number sense strategy: **NUMBER SENSE STRATEGIES**

Additional problems shown:  
 $159 + 1 =$   
 $160 + 1 =$   
 $275 - 56 =$   
 $275 - 50 = 225$   
 $225 - 6 = 219$

# TEACHER INFORMATION

This sampler contains 24 grab and go number talks questions for you to use with your students to build number sense!

## WHAT ARE NUMBER TALKS?

Number talks are class prompts and questions to promote computational fluency and number sense. They should last 5-10 minutes where discussion and collaboration is encouraged. Students are allowed to use pencil and paper to keep track of their steps as they complete their mental calculations.

## HOW CAN I USE THESE CARDS?

You can use these in any way! They can be used during your whole group or small group instruction and intervention/enrichment time. If you have 5 minutes of spare time you can do a number talk with your students!

CHECK OUT OUR BLOG  
POST ON NUMBER TALKS!



## GRAPHIC CREDIT:



# THANK YOU FOR YOUR PURCHASE!



## CONNECT WITH ME!



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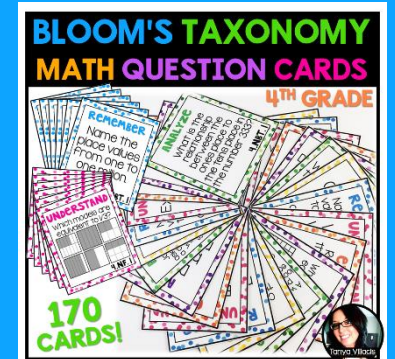
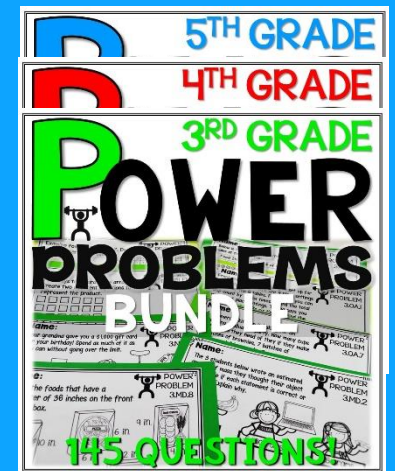
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## CHECK OUT MY OTHER PRODUCTS!



## GRAB AND GO NUMBER TALKS

How many different ways can you **mentally** compute

$$37 + 43?$$

1

## GRAB AND GO NUMBER TALKS

How many different ways can you **mentally** compute

$$19 + 22?$$

2

## GRAB AND GO NUMBER TALKS

How many different ways can you **mentally** compute

$$55 + 99?$$

3

## GRAB AND GO NUMBER TALKS

How many different ways can you **mentally** compute

$$102 + 79?$$

4

## GRAB AND GO NUMBER TALKS

How many different ways can you **mentally** compute

$$100 - 46?$$

5

## GRAB AND GO NUMBER TALKS

How many different ways can you **mentally** compute

$$186 - 97?$$

6

## GRAB AND GO NUMBER TALKS

How many different ways can you **mentally** compute

$$161 - 95?$$

7

## GRAB AND GO NUMBER TALKS

How many different ways can you **mentally** compute

$$265 - 70?$$

8

## GRAB AND GO NUMBER TALKS

**Mentally** compute:

$$512 - 148 =$$

How many more to 730?

How much less than 400?

## GRAB AND GO NUMBER TALKS

**Mentally** compute:

$$476 + 115 =$$

How many more to 600?

How much less than 950?

## GRAB AND GO NUMBER TALKS

**Mentally** compute:

$$22 \times 9 =$$

How many more to 380?

How much less than 200?

## GRAB AND GO NUMBER TALKS

**Mentally** compute:

$$59 + 34 =$$

How many more to 250?

How much less than 600?

## GRAB AND GO NUMBER TALKS

Create five different equations that equal 74 using a variety of operations.

13

## GRAB AND GO NUMBER TALKS

Create five different equations that equal 51 using a variety of operations.

14

## GRAB AND GO NUMBER TALKS

Create five different equations that equal 134 using a variety of operations.

15

## GRAB AND GO NUMBER TALKS

Create five different equations that equal 207 using a variety of operations.

16

## GRAB AND GO NUMBER TALKS

When rounded to the nearest hundred, I become 200. What numbers could I be?

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## GRAB AND GO NUMBER TALKS

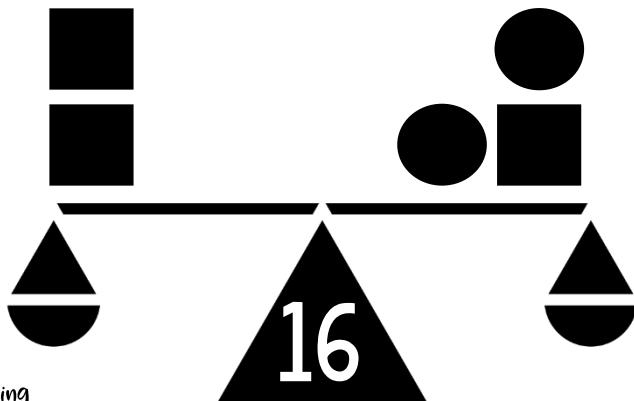
When rounded to the nearest ten, I become 150. What numbers could I be?

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## GRAB AND GO NUMBER TALKS

Find the value of each symbol below.

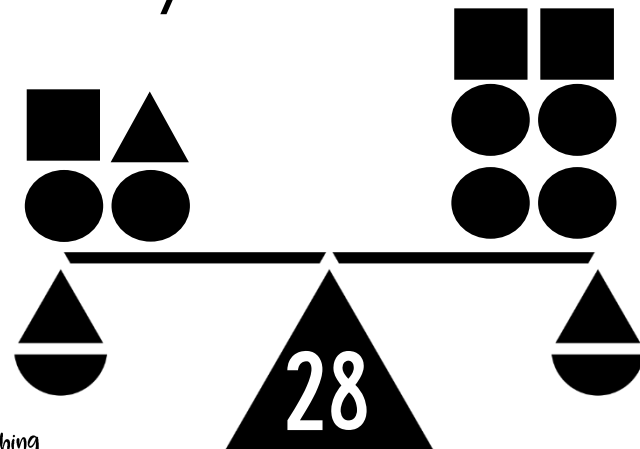


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## GRAB AND GO NUMBER TALKS

Find the value of each symbol below.



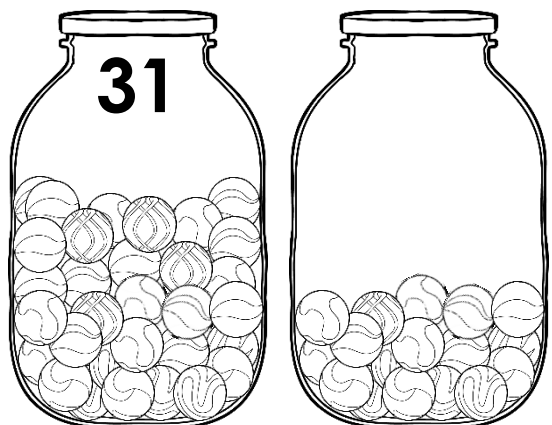
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# GRAB AND GO NUMBER TALKS

How many marbles are in the Jar B?



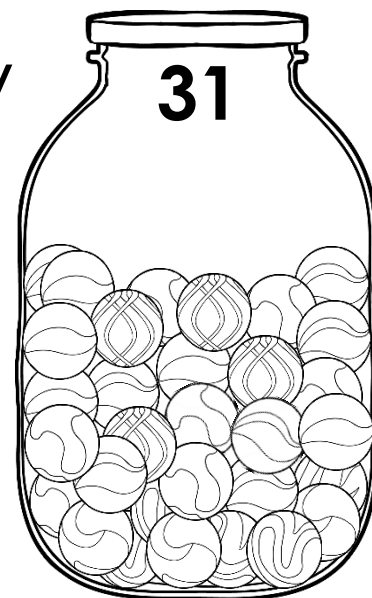
Jar A

Jar B

21

# GRAB AND GO NUMBER TALKS

How many marbles would it take to fill up Jar A?

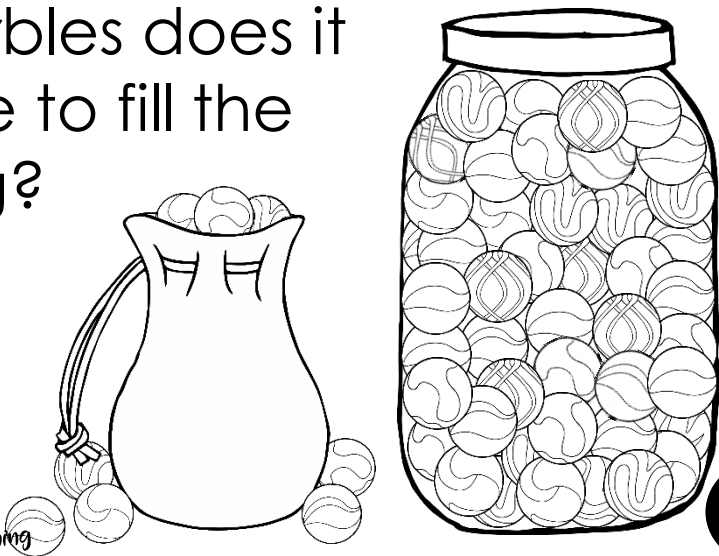


22

# GRAB AND GO NUMBER TALKS

About how many marbles does it take to fill the bag?

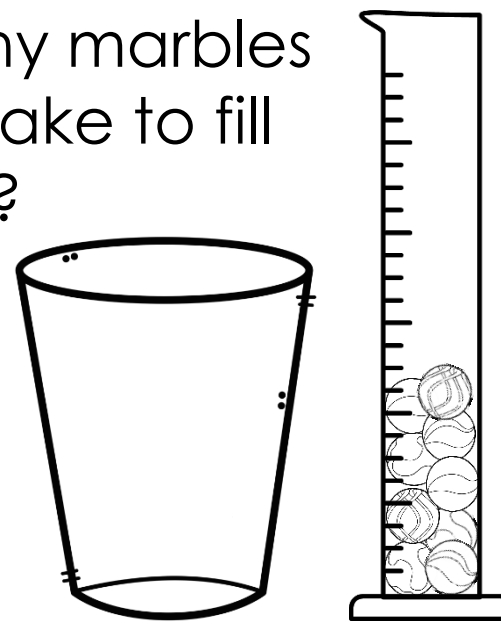
45



23

# GRAB AND GO NUMBER TALKS

How many marbles would it take to fill the glass?



24

# Number Talks Sampler Answer Key:

1.) 80	2.) 41	3.) 154	4.) 181
5.) 54	6.) 89	7.) 66	8.) 195
9.) 364. 366 to 730. 36 less than 400.	10.) 591.9 to 600. 359 less than 950.	11.) 198. 182 to 380. 2 less than 200.	12.) 93. 157 to 250. 507 less than 600.
13.) Answers will vary	14.) Answers will vary	15.) Answers will vary	16.) Answers will vary
17.) 151-249	18.) 145-154	19.) Square = 4, Circle = 2	20.) Triangle = 7, Circle = 3, Square = 1
21.) 17	22.) about 50	23.) about 15	24.) about 40

# What's included in every set?

250 no prep task cards for you to use as questions to promote number sense and discussion for each grade level!



3<sup>RD</sup> GRADE NUMBER TALKS CHECKLIST: AWV = Answers Will Vary

Card Number	Answer	Completed	Card Number	Answer	Completed	Card Number	Answer	Completed
1	17		21	AWV		41	49	
2	About 80		22	AWV		42	91	
3	About 15		23	AWV		43	403	
4	About 60		24	AWV		44	86	
5	A-C-10		25	41		45	24	
6	About 140		26	42		46	89	
7	About 20		27	100		47	66	
8	About 34		28	73		48	195	
9	About 48		29	21		49	122	
10	About 40		30	80		50	49	
11	About 40		31	43		51	91	
12	About 80		32	132		52	66	
13	AWV		33	115		53	27	
14	AWV		34	182		54	149	
15	AWV		35	183		55	51	
16	AWV		36	73		56	134	
17	AWV		37	32		57	271	
18	AWV		38	15		58	107	
19	AWV		39	37		59	145	
20	AWV		40	27		60	427	



Record completed questions as you go!

**NUMBER SENSE STRATEGIES**  
+++++

**ADDITION**  
Manipulating numbers that

$$\begin{array}{r} 159 \\ +1 \\ \hline 160 \end{array}$$

**NUMBER SENSE STRATEGIES**  
-----

**SUBTRACTION: REMOVAL**

Decomposing numbers to make subtracting easier.

$$275 - 56 =$$

**NUMBER SENSE STRATEGIES**  
xxxxx

**MULTIPLICATION: PARTIAL PRODUCTS**

Multiplying each digit of one factor by each of the digits in the other factors.

$$\begin{array}{r} 20 \times 8 = \\ 10 \times 8 = 80 \\ 10 \times 8 = 80 \\ \hline 160 \end{array}$$

25  
ion  
9



Digital versions of the 250 questions are included for each grade level. Easy to project to your students!



Use on whiteboards, iPads, or laptops!

**NUMBER TALKS**  
Hand Signals

**NUMBER TALKS**  
Sentence Starters

I AGREE BECAUSE...

I DISAGREE BECAUSE...

CAN YOU EXPLAIN MORE?

Strategy posters, hand signals, and sentence starters are included for each grade level. Everything you need to launch Number Talks in your classroom is here for the whole year!

# CLICK THE GRADE LEVEL THAT WORKS FOR YOU

## K Grab & Go Number Talks



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NUMBER TALKS PROBLEM OF THE DAY  
Is the statement below true?  
 $6 - 3 = 4 - 1$

GRAB AND GO NUMBER TALKS  
What is the number in standard form?  
49 + 11 =

## 1ST Grade Grab & Go Number Talks



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NUMBER TALKS PROBLEM OF THE DAY  
There were 13 bees buzzing around the hive. 7 bees went to find flowers. How many bees are left at the hive?

GRAB AND GO NUMBER TALKS  
What is the number in standard form?  
1 ten 9 ones  
mentally add:  
 $16 + 25 =$

## 2ND Grade Grab & Go Number Talks



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NUMBER TALKS PROBLEM OF THE DAY  
Explain how you can mentally add:  
 $442 + 126$

GRAB AND GO NUMBER TALKS  
What is the number in standard form?  
3 hundreds 9 ones 11 tens  
45 ones  
45 tens

## 3RD Grade Grab & Go Number Talks



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NUMBER TALKS PROBLEM OF THE DAY  
Without using a number line, how many more would it take to get to the goal?

GRAB AND GO NUMBER TALKS  
Mentally compute:  
 $63 \div 7$   
How many more would it take to get to the goal?

## 4TH Grade Grab & Go Number Talks



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NUMBER TALKS PROBLEM OF THE DAY  
Find the value of each symbol below.

NUMBER SENSE STRATEGIES  
ADDITION PROBLEMS  
Mentally compute:  
 $19 + 5 =$   
 $20 + 4 = 24$

## 5TH Grade Grab & Go Number Talks



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NUMBER TALKS PROBLEM OF THE DAY  
Find the value of each symbol below.

NUMBER SENSE STRATEGIES  
SUBTRACTION PROBLEMS  
Mentally compute:  
 $159 + 275 - 56 =$   
 $275 - 50 = 225$   
 $160 + 1 = 161$   
 $225 - 6 = 219$