


Includes PowerPoint with 20 Place Value Warm-Ups

CORRECT THE TEACHER

Your teacher solved a math problem incorrectly.

Your teacher says that 500 is one-tenth of 50 and 10 times as much as 5,000.

What mistake was made?



TUG-O-WAR

Do you agree or disagree with the following statement? Why?

8,745 is ten times as much as 874.



I AGREE I DISAGREE


NUMBER STRINGS

Use mental math to solve the following:

Start with 13,567.

- Add 10.
- Add 100.
- Add 1,000.
- Add 10,000.


What's your new number?



SHOW ME MORE

Show more than one way to...


Explain the relationships between 3,050, 305, and 30,500.



PROBLEM OF THE DAY

Solve the following:

Carrie has 4,500 stickers.
Mike has 10 times that amount.
Robyn has one-tenth that amount.
How many stickers do Mike and Robyn each have?




CORRECT THE TEACHER

Your teacher solved a math problem incorrectly.

$$600,000 + 5,000 + 7 + 20,000 + 400 + 90 = 657,249$$


What mistake was made?



TUG-O-WAR

Do you agree or disagree with the following statement? Why?

40,000 + 500 + 3 + 7,000 is the same as $(4 \times 10,000) + (7 \times 1,000) + (5 \times 100) + (3 \times 1)$



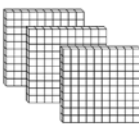


I AGREE I DISAGREE


NUMBER STRINGS

Use mental math to solve the following:

Start with 100.

1. Add  1. Add  1. Add 


What's your new number?



SHOW ME MORE

Show more than one way to...

Write or represent the following number: 34,782




INCLUDES 5 ROUTINES


CORRECT THE TEACHER

CORRECT THE TEACHER >>>

Your teacher solved a math problem incorrectly

Your teacher says that 500 is one-tenth of 50 and 10 times as much as 5,000.

What mistake was made?



Correct The Teacher

These routines give students a math problem/statement that has been solved incorrectly. Students have to figure out what the mistake was.


TUG-O-WAR

TUG-O-WAR >>>

Do you agree or disagree with the following statement? Why?

8,745 is ten times as much as 874.

I AGREE I DISAGREE



Tug-O-War


Students are given a math statement, expression or equation. They need to decide if they agree or disagree and explain their position.

SHOW ME MORE

SHOW ME MORE >>>

Show more than one way to...

Explain the relationships between 3,050, 305, and 30,500.



Show Me More

Students are asked to give more than one response to the problem or statement given. This helps students realize that there is usually more than one way to approach math.

NUMBER STRINGS


NUMBER STRINGS >>>

Use mental math to solve the following

Start with 13,567.

1. Add 10.
2. Add 100.
3. Add 1,000.
4. Add 10,000.

What's your new number?



Number Strings


Number strings give students an opportunity to improve their mental math skills. Students will have to use multiple skills to be able to add a series of numbers together to get to the new number.

PROBLEM OF THE DAY

PROBLEM OF THE DAY >>>

Solve the following

Carrie has 4,500 stickers.
Mike has 10 times that amount.
Robyn has one-tenth that amount.
How many stickers do Mike and Robyn each have?



Problem of the Day

Students are given a traditional math problem and are asked to solve it. It is their opportunity to apply all the problem solving skills and critical thinking skills they have practiced with the other routines.

SUGGESTED USES

- Use as a daily math warmup
- Use as part of your spiral review
- Use task cards in a math center
- Use as part of morning work routine
- Use for test prep or review
- Use as extension activities

Covers Place Value Skills

CORRECT THE TEACHER
Your teacher solved a math problem incorrectly.

What is the greatest whole number less than 100,000?

TUG-O-WAR
Do you agree or disagree with the following statement? Why?
3,546,746 rounded to the nearest thousand is 3,500,000.

NUMBER STRINGS
Use mental math to solve the following:
Start with 100.

1. Add 62 rounded to the nearest 10.
2. Add 100.
3. Add 10.
4. Subtract 10.

SHOW ME MORE
Show more than one way to...
What's...

PROBLEM OF THE DAY
Solve the following:
A new park is going to cover 46,570 square feet. What is the area rounded to the nearest thousand feet?

- Place Value Patterns
- Read, Write & Represent Whole Numbers
- Comparing and Ordering Whole Numbers
- Rounding Whole Numbers

Each Skill has 5 routines to spark critical thinking, problem solving and conversations about math.

Task Card Option

CORRECT THE TEACHER
Your teacher solved a math problem incorrectly. What mistake was made?
Your teacher says that 500 is one-tenth of 50 and 10 times as much as 5,000.

CORRECT THE TEACHER
Your teacher solved a math problem incorrectly. What mistake was made?
 $600,000 + 5,000 + 7 + 20,000 + 400 + 90 = 657,249$

NUMBER STRINGS
Use mental math to solve the following.
Start with 12,567.
1. Add 10.
2. Add 100.
3. Add 1,000.
4. Add 10,000.
What's your new number?

NUMBER STRINGS
Use mental math to solve the following.
Start with 100.
1. Add 1.
2. Add 10.
3. Add 100.
4. Add 1,000.
What's your new number?

CORRECT THE TEACHER
Your teacher solved a math problem incorrectly. What mistake was made?
Your teacher says that 25,486,230 is less than 9,671,085 because 2 is less than 9.

CORRECT THE TEACHER
Your teacher solved a math problem incorrectly. What mistake was made?

SHOW ME MORE
Show more than one way to...
Explain the relationships between 3,050, 305, and 30,500.

SHOW ME MORE
Show more than one way to...
Write or represent the following number: 34,782

SHOW ME MORE
Show more than one way to...
Compare the following numbers:
356,789
365,847
356,987

SHOW ME MORE
Show more than one way to...
Round the number 4,536.

TUG-O-WAR
Do you agree or disagree with the following statement? Why?
8,745 is ten times as much as 874.

TUG-O-WAR
Do you agree or disagree with the following statement? Why?
260,245 is greater than both 259,678 and 260,154.

TUG-O-WAR
Do you agree or disagree with the following statement? Why?
3,546,746 rounded to the nearest ten thousand is 3,500,000.

PROBLEM OF THE DAY
Solve the following:
415,675
• Write the number in word form.
• Write the number in expanded form.
• Write the number in expanded notation.

PROBLEM OF THE DAY
Solve the following:
Look at the following numbers:
15,678,205
15,688,763
15,683,959
If the answer is 15,688,763. What is the question?

PROBLEM OF THE DAY
Solve the following:
A new park is going to cover 46,570 square feet. What is the area rounded to the nearest thousand feet?

All math routines can be printed on task cards.

They work great as a math workstation or as an extension activity.