


Includes PowerPoint with 25 Measurement Warm-Ups

CORRECT THE TEACHER

Your teacher solved a math problem incorrectly.

Your teacher says that 100 millimeters is the same length as 1 centimeter.


What mistake was made?



TUG-O-WAR

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

1:45 is the same time as quarter til 2:00.



I AGREE I DISAGREE


NUMBER STRINGS

Use mental math to solve the following:

Start with 10.

- Multiply it by the number of feet in a yard.
- Add the number of inches in a foot.
- Add the number of inches in a yard.


What's your new number?



SHOW ME MORE

Show more than one way to...


Show more than one way to convert 8 quarts into other units of liquid volume.



PROBLEM OF THE DAY

Solve the following:

It takes Milo 3 hours and 25 minutes to drive to his grandma's house. If he left at 11:18am, what time will he arrive at his grandma's house?




CORRECT THE TEACHER

Your teacher solved a math problem incorrectly.

Your teacher looked at a rectangle that had a length of 5 inches and a width of 4 inches. Your teacher said that the perimeter of the rectangle is 20 inches long.


What mistake was made?



TUG-O-WAR

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

A square with sides that measure 4in by 4in has the same measurement for its area and perimeter.



I AGREE I DISAGREE


NUMBER STRINGS

Use mental math to solve the following:

Start with 10.

- Add the area of a shape with a length of 6 and width of 5.
- Add the perimeter of a shape with a length of 4 and a width of 2.
- Add the area of a square with a length of 5.


What's your new number?



SHOW ME MORE

Show more than one way to...

Draw and label more than one shape that has an area of 24 square feet.



INCLUDES 5 ROUTINES


CORRECT THE TEACHER

CORRECT THE TEACHER

Your teacher solved a math problem incorrectly.

Your teacher says that the elapsed time between 5:43pm and 7:03pm is 1 hour and 15 minutes.

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?

1:45 is the same time as quarter til 2:00.

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...

Show more than one way to find the elapsed time between the start and end time listed below.

Start Time: 3:05pm
End Time: 5:30pm



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 at 1:00pm.

1. Add 2 hours.
2. Add 45 minutes.
3. Subtract 30 minutes.
4. Add 1 hour.

What's your new time?



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

It takes Milo 3 hours and 25 minutes to drive to his grandma's house. If he left at 11:18am, what time will he arrive at his grandma's house?



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 Measurement Skills

CORRECT THE TEACHER
Your teacher solved a math problem incorrectly.
Your teacher says that she
wa
is

TUG-O-WAR
Do you agree or disagree with the following statement? Why?
39 inches is the same
list more than one object

NUMBER STRINGS
Use mental math to solve the following:
Start with 10.
1. Multiply it by the number of feet in a yard.
2. Add
3. Add
AGREE

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

PROBLEM OF THE DAY
Solve the following:
Connie is 4 feet 6 inches tall. Her little sister Brenda is 5 inches shorter than Connie is. Their brother Paul is 10 inches taller than Brenda. What are the heights of Brenda and Paul?

- Customary Measurements & Conversions
- Metric Measurements & Conversions
- Liquid Volume Measurements & Conversions
- Elapsed Time
- Area & Perimeter

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

Task Card Option

A collection of 20 task cards arranged in a grid, featuring various math problems and activities. The cards are categorized into several groups:

- CORRECT THE TEACHER:** Four cards where students identify mistakes in math problems.
 - Card 1: A teacher says 1,875 yards is the same as 625 feet. (Conversion error)
 - Card 2: A teacher says 100 millimeters is the same length as 1 centimeter. (Conversion error)
 - Card 3: A teacher says the elapsed time between 5:43pm and 7:03pm is 1 hour and 15 minutes. (Time calculation error)
 - Card 4: A teacher says the elapsed time between 5:43pm and 7:03pm is 1 hour and 15 minutes. (Time calculation error)
- NUMBER STRINGS:** Four cards using mental math to solve problems.
 - Card 5: Start with 10. Multiply by the number of feet in a yard, add inches in a foot, add inches in a yard. What's your new number?
 - Card 6: Start with 10. Add centimeters in a meter, multiply by decimeters in a meter, add millimeters in a centimeter. What's your new number?
 - Card 7: Start with 10. Add area of a square (6x5), add perimeter of a square (4x2), add area of a square (2x2). What's your new number?
 - Card 8: Start with 10. Add area of a square (6x5), add perimeter of a square (4x2), add area of a square (2x2). What's your new number?
- SHOW ME MORE:** Three cards asking for multiple ways to solve or draw.
 - Card 9: List more than one object that is approximately 2 inches long.
 - Card 10: List more than one object that is approximately 1 meter long.
 - Card 11: Draw and label more than one shape that has an area of 24 square feet.
- TUG-O-WAR:** Three cards asking for agreement or disagreement with statements.
 - Card 12: 39 inches is the same distance as 3 feet.
 - Card 13: 1:45 is the same as quarter til 2:00.
 - Card 14: A square with side that measure 4in by 4in has the same measurement for its area and perimeter.
- PROBLEM OF THE DAY:** Three cards with word problems.
 - Card 15: Madison measures the length of a poetry book. It has a measurement of 35cm. How many mm is this?
 - Card 16: It takes Milo 3 hours and 25 minutes to drive to his grandma's house. If he left at 11:30am, what time will he arrive at his grandma's house?
 - Card 17: Marshall Elementary School has two playgrounds. One is a rectangle with a length of 25 meters and a width of 15 meters. The other playground is a square with the same perimeter. What is the length of one side of the square playground?

All math routines can be printed on task cards.

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