


Includes PowerPoint with 20 Division Warm-Ups

CORRECT THE TEACHER

Your teacher solved a math problem incorrectly.

Your teacher says that a good estimate for $2,789 \div 7$ is 300 because $2,789 \div 9 = 300$.

What mistake was made?




TUG-O-WAR

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

The best estimate for $\$643 \div 8$ is $\$80$.

I AGREE I DISAGREE




PICTURE THIS

Draw a picture.

Draw a picture or model to show the following:

$$36 \div 3 = (30 \div 3) + (6 \div 3)$$


Write a sentence or two to explain your picture.



SHOW ME MORE

Show more than one...


Use compatible numbers to find two estimates that the quotient of $2,387 \div 5$ is between.



PROBLEM OF THE DAY

Solve the following

Patrick owns an apple orchard. On Friday he picks 213 apples and on Saturday he picks 175 apples. If he divides the apples evenly among four buckets, how many apples are in each bucket?




CORRECT THE TEACHER

Your teacher solved a math problem incorrectly.

The school is building a brick fence for part of the playground. The school bought 8,345 bricks and wanted to make the wall 9 rows high. Your teacher says there will be exactly 928 bricks in each row.

What mistake was made?




TUG-O-WAR

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

There is no remainder when you divide 3,452 by 6

I AGREE I DISAGREE




PICTURE THIS

Draw a picture.

Draw a picture or model to show $535 \div 5$


Write a sentence or two to explain your picture.



SHOW ME MORE

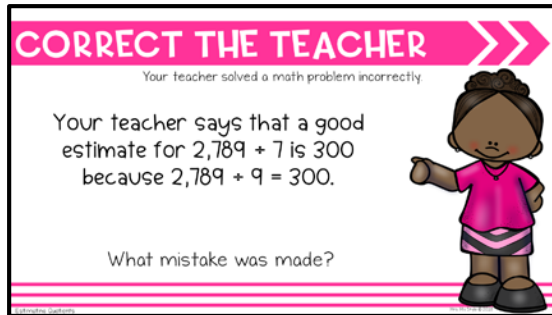
Show more than one way to...

Show more than one strategy you could use to divide 1,278 by 3.




INCLUDES 5 ROUTINES

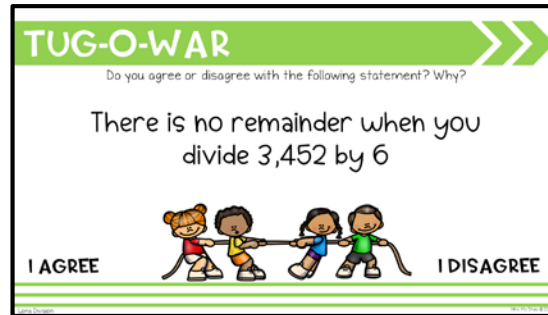
CORRECT THE TEACHER



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.

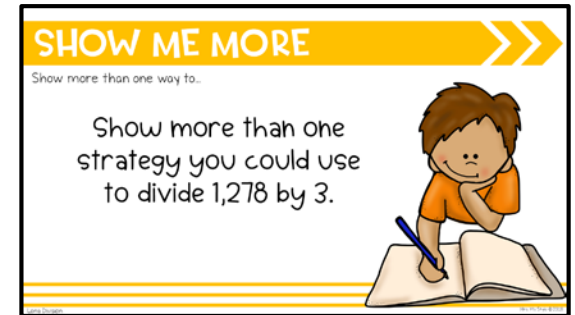
TUG-O-WAR



Tug-O-War

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

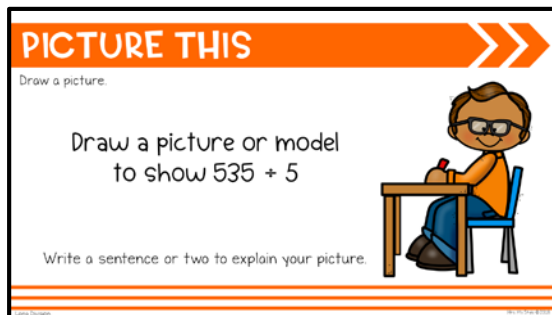
SHOW ME MORE



Show Me More

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.

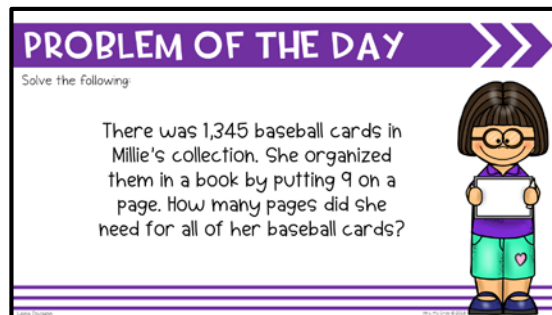
PICTURE THIS



Picture This

Picture this forces students to draw a picture and explain their illustration. This is a great opportunity for students to see math relationships in a visual representation.

PROBLEM OF THE DAY



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 Division Related Skills

CORRECT THE TEACHER >>>
Your teacher solved a math problem incorrectly.

Your teacher says that a good estimate for $642 \div 9$ is 80 .

TUG-O-WAR >>>
Do you agree or disagree with the following statement? Why?

The best estimate for $642 \div 9$ is 80 .

PICTURE THIS >>>
Draw a Picture.

Draw a picture or model to show the following: Marie placed 265 books on 9 shelves.


SHOW ME MORE >>>
Show more than one...

About $265 \div 9$, use compatible numbers to estimate the quotient.

Write down your estimate.

PROBLEM OF THE DAY >>>
Solve the following:



















Kelly and her three friends were dividing up beads to make bracelets. They had 254 beads. About how many beads did they each get? Estimate to find the answer.



- Estimation Quotients
- Division Using the Distributive Property
- Multi-Step Division Problems
- Long Division

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

Task Card Option

<p>CORRECT THE TEACHER</p> <p>Your teacher solved a math problem incorrectly. What mistake was made?</p> <p>Your teacher says that a good estimate for $2,789 + 7$ is 300 because $2,789 + 9 = 300$.</p> 	<p>CORRECT THE TEACHER</p> <p>Your teacher solved a math problem incorrectly. What mistake was made?</p> <p>Your teacher says that she can use the distributive property to solve $48 \div 4$ and that her answer is 18. What is the mistake?</p> 	<p>PICTURE THIS</p> <p>Draw a picture. Write a sentence or two to explain your drawing.</p> <p>Draw a picture or model to show the following: Marie placed 265 books on 9 shelves.</p> <p>About how many books are on each shelf?</p> 	<p>PICTURE THIS</p> <p>Draw a picture. Write a sentence or two to explain your drawing.</p> <p>Draw a picture or model to show the following:</p> $36 \div 3 = (30 \div 3) + (6 \div 3)$ 
<p>CORRECT THE TEACHER</p> <p>Your teacher solved a math problem incorrectly. What mistake was made?</p> <p>Your teacher has 327 pieces of candy and she was going to evenly share them between herself and 3 friends. If there were any left over she would keep them in her pile. She said she ended up with 81 pieces of candy.</p> 	<p>CORRECT THE TEACHER</p> <p>Your teacher solved a math problem incorrectly. What mistake was made?</p>	<p>PICTURE THIS</p> <p>Draw a picture. Write a sentence or two to explain your drawing.</p>	<p>PICTURE THIS</p> <p>Draw a picture or model to show $535 \div 5$</p> 
<p>TUG-O-WAR</p> <p>Do you agree or disagree with the following statement? Why?</p> <p>The best estimate for $\\$643 \div 8$ is $\\$80$.</p> 		<p>TUG-O-WAR</p> <p>Do you agree or disagree with the following statement? Why?</p> <p>The easiest way to solve $72 \div 3$ is to break it up like this: $(70 \div 3) + (2 \div 3)$</p> 	
<p>TUG-O-WAR</p> <p>Do you agree or disagree with the following statement? Why?</p> <p>A gardener has 36 rose bushes and 18 azalea bushes. She will have the perfect amount to put an even number of each bush in 3 different gardens.</p> 		<p>TUG-O-WAR</p> <p>Do you agree or disagree with the following statement? Why?</p> <p>There is no remainder when you divide 3,452 by 6</p> 	
<p>SHOW ME MORE</p> <p>Show more than one way to...</p> <p>Use compatible numbers to find two estimates that the quotient of $2,387 \div 5$ is between.</p> 	<p>SHOW ME MORE</p> <p>Show more than one way to...</p> <p>Use compatible numbers to solve $96 \div 3$</p> 	<p>SHOW ME MORE</p> <p>Show more than one way to...</p> <p>They each get? Estimate to find the answer.</p> 	<p>PROBLEM OF THE DAY</p> <p>Solve the following:</p> <p>Use the distributive property to solve: Robert has \$856 saved. He has saved enough to buy 8 new skateboards to give to all his friends. How much is each skateboard?</p> 
<p>SHOW ME MORE</p> <p>Show more than one way to...</p> <p>The balloon store had 36 racks of balloons with 9 balloons on each rack. Show more than one way you could reorganize the total number of balloons.</p> 	<p>SHOW ME MORE</p> <p>Show more than one way to...</p> <p>Show more than one strategy you could use to divide 1,278 by 3.</p> 	<p>PROBLEM OF THE DAY</p> <p>Solve the following:</p> <p>Patrick owns an apple orchard. On Friday he picks 213 apples and on Saturday he picks 175 apples. If he divides the apples evenly among four buckets, how many apples are in each bucket?</p> 	<p>PROBLEM OF THE DAY</p> <p>Solve the following:</p> <p>There was 1,345 baseball cards in Mille's collection. She organized them in a book by putting 9 on a page. How many pages did she need for all of her baseball cards?</p> 

All math routines can be printed on task cards.

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