

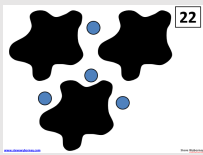

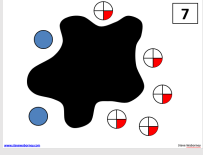



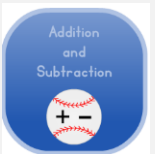
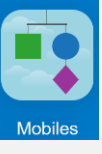


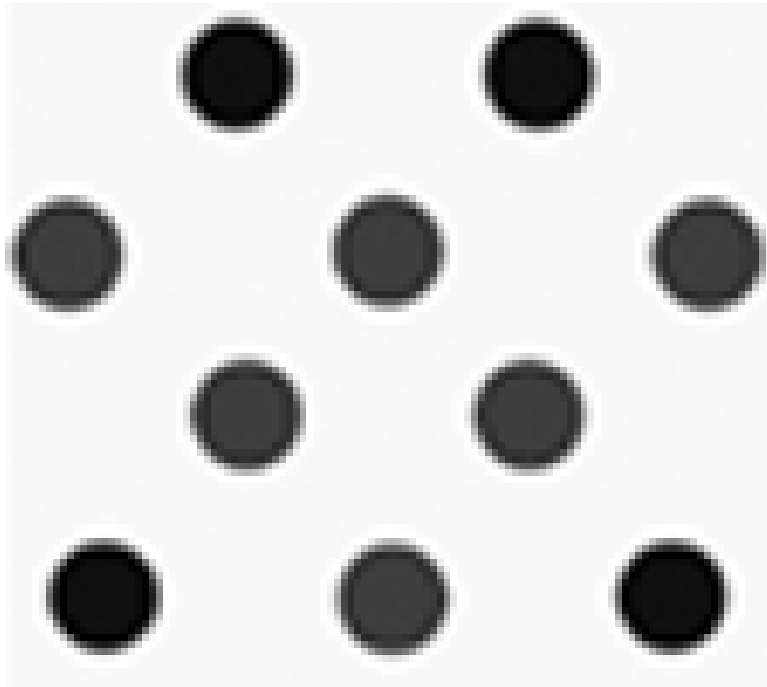


Instructions: Each day, choose from the options below. Choose as many of us it was you have time for.

	Monday	Tuesday	Wednesday	Thursday	Friday
Estimation	Estimate the length of a soup spoon in millimetres .	How many soup spoons would you predict are needed to measure 1 metre in length?	If you were to estimate the capacity of water a soup spoon can hold, would you use mL or L? What would your estimate be?	Estimate how long it would take to fill a glass full of water using a soup spoon. Would it take more or less than 2 minutes? Investigate.	Estimate how much liquid is in the glass by visiting Day 58 . Instructions can be found here .
Talking about Math	Click on the "How Many" links for questions to ask				
	How Many? 	How Many? 	How Many? 	How Many? 	How Many? 
	Did you enjoy talking math? These images and more can be found at www.mathbeforebed.com				
Activities / Games	Card Game: Operations Call Out Lay down two playing cards from the deck (remove the face cards) and add, subtract, or multiply them. Kids can work on this alone, or make it a contest to see who can call out the correct answer first.	Nature Scavenger Hunt: Choose a few items/activities from the Scavenger Hunt template . Go outside and do math while enjoying the great outdoors. Please make sure you are 2m away from others!	Bake something together. What if you need to add $\frac{3}{4}$ cup of sugar, but you only have $\frac{1}{4}$ cup and $\frac{1}{2}$ cup. What are two different combinations of cups that you could use to add the sugar?	Card Game: Close Call See who can get a score closest to 100 using a deck of playing cards and creating two digit numbers! 	Dice Game: Fraction War Partners each roll two dice to make fractions. They compare the fractions to see which fraction is biggest. Biggest fraction wins!
	Using the digits 0,5,3,1,6 and 9, what is the greatest 5-digit number you can create? What is the least 5-digit number possible?	Janet has fifteen quarters and John has \$4.00. Explain how you know who has more money. 	A jigsaw puzzle has 96 pieces. What are all the possible number of pieces for its length and width? 	Sam begins a workout by completing 3 push-ups. Each week, she doubles the number of push-ups. After how many weeks will she be able to complete 48?	Which is a better buy: 4-1 litre cartons of milk on sale for \$1.35/carton or a 4 litre jug for \$4.89? What would the change be from a \$10 bill?
	Catch a Bouncing Ball 	Representing Linear Growing Patterns Activity 5 Robot Rule Game	SolveMe Mobiles Solveme.edu.org 	Catch a Bouncing Ball 	Mashupmath 
					<small>Cupcake Day Puzzles (Grades 3-8)</small>

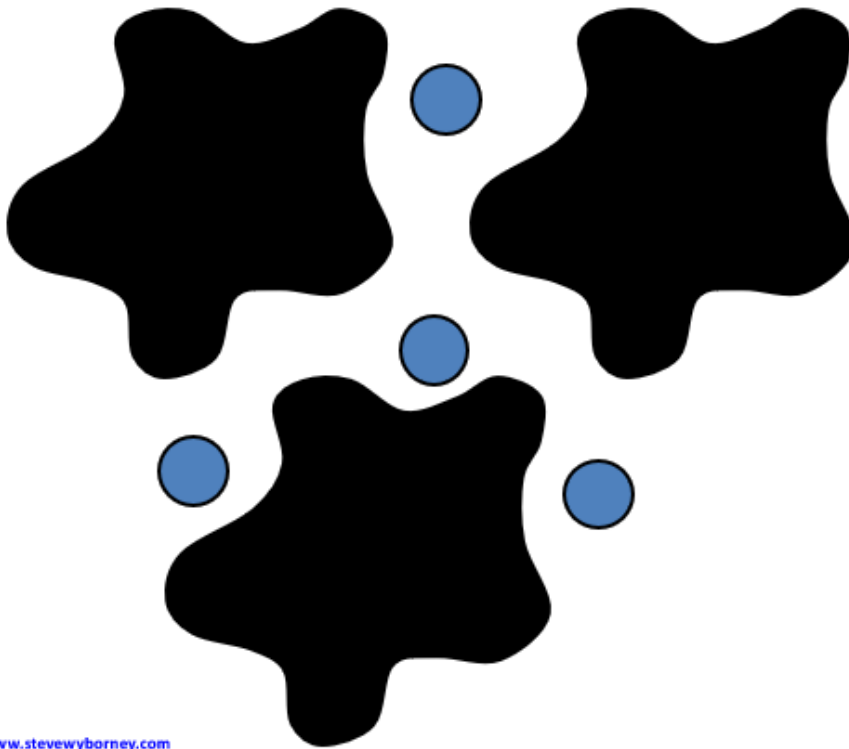


How Many?

Some Questions to Ask:

- How many circles are there?
- How did you count them?
- What numbers do you see?
- Another child counted them a different way, how might they have counted them?





Splat

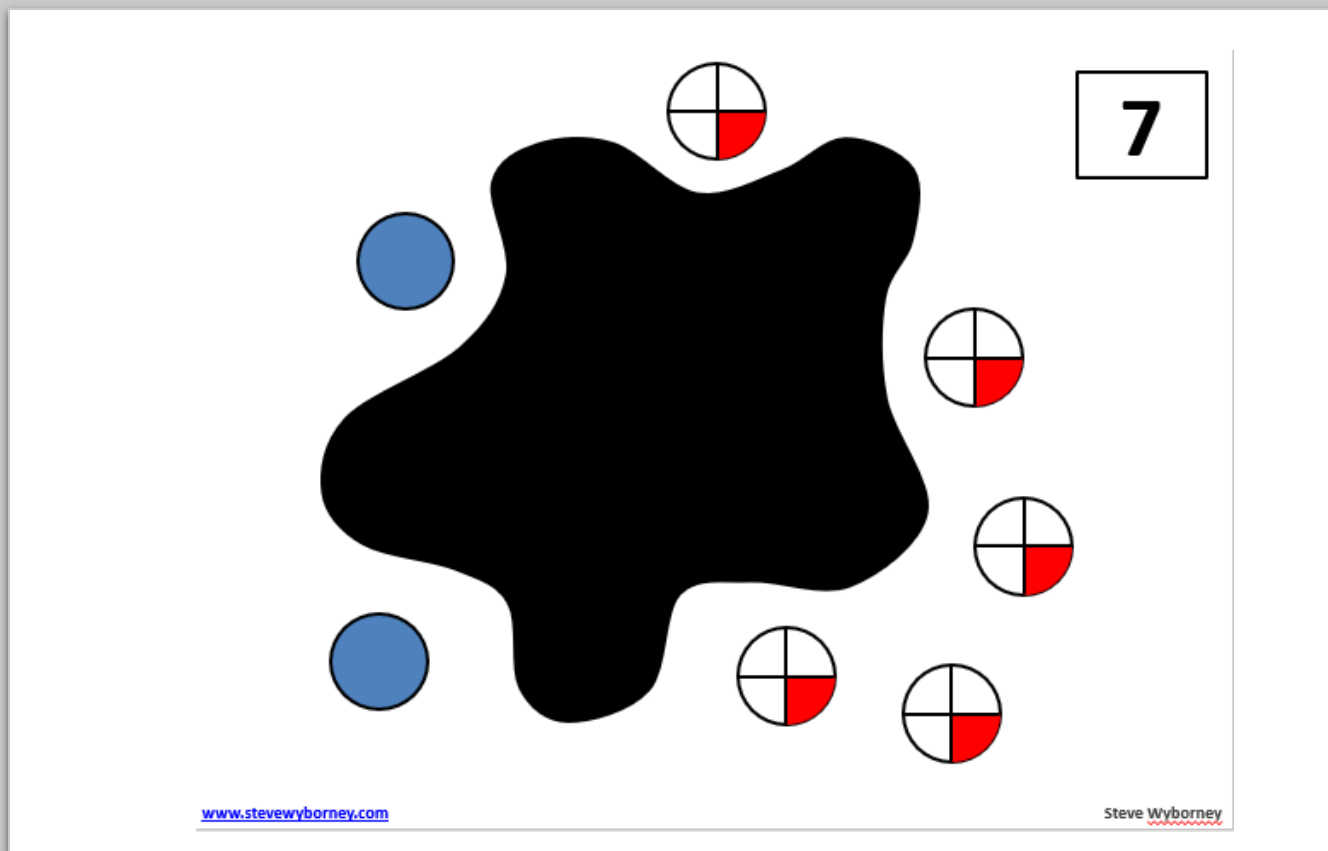
Some Questions to Ask

- How many dots are hiding under each individual splat?
- How do you know?
- How might another child figure it out?
- What number sentence could represent this splat?

Note:

In a splat, the number in the box tells how many dots there are in total. There are an equal number of dots under each splat of the same colour.





Splat

Some Questions to Ask

- What is the value of the dots, outside the splat? How do you know?
- How many dots are hiding under the splat?
- How do you know?
- How might another child figure it out?
- What number sentence could represent this splat?

Note:

In a splat, the number in the box tells how many dots there are in total. There are an equal number of dots under each splat of the same colour.





How Many?

Some Questions to Ask

- How many studs are there in each of the three towers?
- How many studs are there altogether?
- How did you count the studs?
- If another child, counted them a different way, how might they have counted them?





How Many?

Some Questions to Ask

- What do you notice about the picture (what do you see)?
- What do you wonder about the picture (what questions do you have)?
- What different combinations of yellow, white and red Lego could be used to cover the blue Lego?
- Could you completely cover the blue flat using only the red 2x2 Lego? How do you know?
- How many yellow (1x2) Lego would you need to completely cover the blue flat? How do you know?



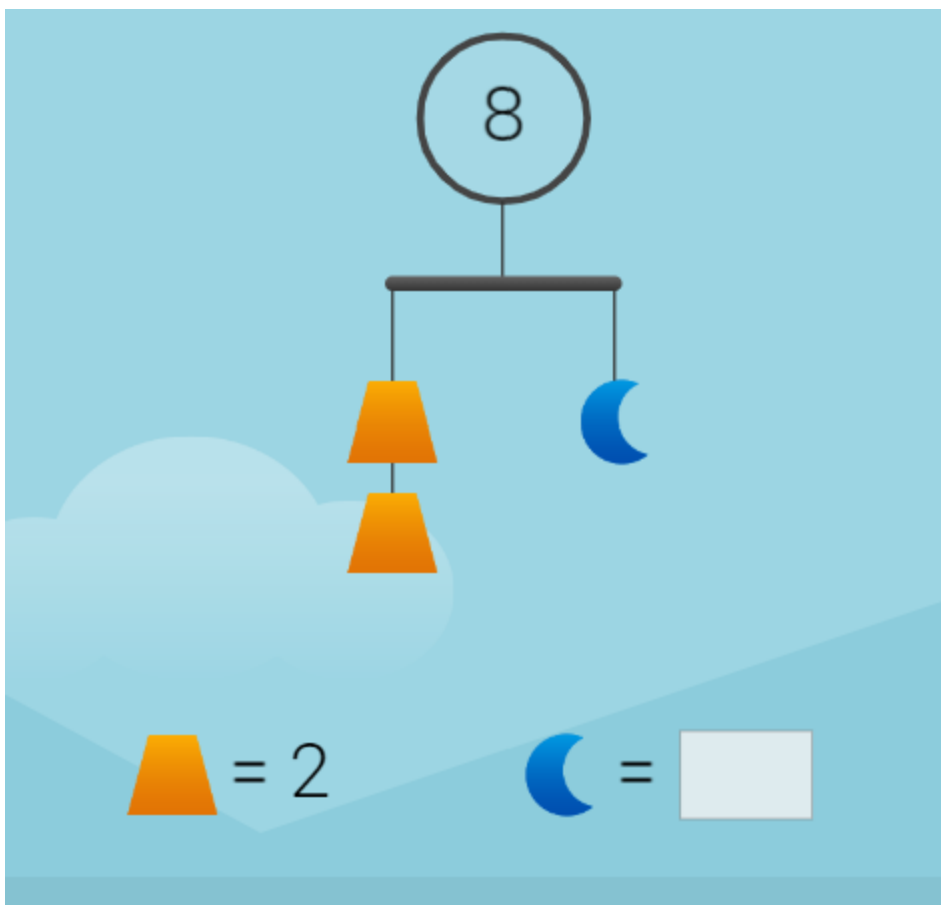
SolveMe Puzzles: Mobiles

Step 1-Log into <https://solveme.edc.org/>

Step 2- Click on Mobiles

Step 3-Click Play and begin with Explorer level

Step 4-Solve each puzzle and click Submit to check your answer



Close Call!



Materials:

- Start with a complete deck of cards.
- Ace = 1, Joker = 0
- All tens and other face cards are removed.

Instructions:

- Shuffle the deck and **deal each player 6 cards.**
- Players then select 4 of the cards to **create two 2-digit numbers.**

The object is to create two numbers that when added together come **as close to 100 as possible**, *without going over.*

Change it up:

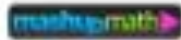
- Can you make two 2-digit numbers such that, when you subtract them, your answer is closest to zero? The greatest?
- Pick any target number and try to get as close as possible
- Deal 6 cards each and pick the best 4
- Make three digits numbers and try to get to a target of 1000

<https://mathgeekmama.com/2-digit-addition-card-game/>




Mashupmath @

<https://mashupmath.com/freemathpuzzles>



Happy Chocolate Cupcake Day!

 Find the value of each icon in the multiplication table below:

						
	0					
		9	15			
12						
						
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

You can download more holiday-themed math challenges at www.mashupmath.com

Cupcake Day Puzzles (Grades 3-8)



Estimation 180



Step 1 – Log

into <http://www.estimated180.com/day-58.html>

Step 2 – Notice how much liquid appears to be in the glass compared to the soda can.

Step 3 – Make an estimate for the capacity of the glass that would be too low, too high and reasonable and explain your reasoning.

Step 4- Press the triangular PLAY button to reveal the exact capacity of the blue liquid in the glass.



Dice Game: Fraction War!



- **Instructions:**

- Players each roll two dice to make a fraction.
- The smaller of the roll should go on top and be the numerator.
- If the person rolls doubles (same number twice, like two fives), that person automatically wins a point for that round.
- Once dice are rolled, partners work together to see which fraction is larger. The larger fraction wins the round.

- **Change it Up:**

- Place the larger number as the numerator
- Try to make the smallest fraction
- Roll three dice and choose two that give you the smallest or largest fractions

