



Lower School GRADE 2 SUMMER MATH CALENDAR

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Count backwards from 30 to 0. Count backwards from 83 to 40. Count backwards by 10's from 100 to 0. Count backwards by 5's from 40 to 0. Repeat using different starting numbers.	Estimate the number of cups it will take to fill a pitcher. Now try it!	Get a pile of coins. How many ways can you make 25 cents using pennies, nickels and dimes?	Hold an ice cube in your hand. Count by 2's until it melts. Did you count to more or less than 100!	How many ways can you make 12? Write at least 10 ways to make 12. Use addition and subtraction.
Jump rope and count by tens to at least 100....but see how high you can go. Now try counting backwards by tens.	Make a tally chart showing the number of different fruits in your pantry. Now turn your tally chart into a fruit graph.	Balance on one foot. Time yourself. Now have the rest of your family try it. Record everyone's times. Who can stand on one foot the longest?	Play a hiding game. Get 20 pennies. Put some in one hand and some in the other hand. Show one hand, and have the adult figure out what's hiding. Switch roles. Play at least 10 times. Try it with different numbers of pennies.	Play adding 10. Roll a die. Add 10 to the number rolled. Record your number sentence. Repeat 10 times.
Write all the number sentences to make 10 on index cards. Practice the cards each day until you know the combinations back and forth.	A small pack of gum has 6 pieces. How many pieces of gum are in 3 packs? What about in 5 packs? What if each pack had 7 pieces? 8? and so on?	Complete this story like a model drawing problem. Rosa has 14 stickers. She gave some to her friend. Now she has 7 stickers. How many did she give to her friend?	Sort the laundry into categories (by owner, by size, by color, or by item type). Make a bar graph for color.	Tell an adult an addition story problem to go with $6 + 5$. Now tell a subtraction story for $11 - 5$. Make up other addition and subtraction story problems with your own math sentences.
The answer is 20. What is the question?	Make 18 by: - adding two numbers - subtracting two numbers - adding three numbers - adding four numbers	How many days until school starts? How many days of summer have you had?	Write down the ages of everyone in your family. How much younger are you than your parent(s)? How much younger are you than your siblings. Write equations to show your answers.	Write the time you go to bed and draw a picture of what it would look like in an analogue clock. Write down what time you get up in the morning and draw the clock. How many hours do you sleep?

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<p>Write and illustrate a math story for the equation $8 + 7$. Write and illustrate a math story for $15 - 8$.</p>	<p>Count by 2's to 50 starting at 12. Count by 10's to 64 starting at 4. What did you notice about the numbers you say? Repeat using different numbers.</p>	<p>Get a piece of paper. Fold the paper to show the fraction $\frac{1}{2}$. Fold the paper again to show the fraction $\frac{1}{4}$. Get another piece of paper and fold the paper to show $\frac{1}{3}$.</p>	<p>Ask a parent for 5 coins. Count how much money you have. Think of another way to make this amount of money.</p>	<p>100 is the answer. What could the question be? Challenge yourself to think of more questions.</p>
<p>A can has the shape of a cylinder. Find and write down things in your house and outside that have the shape of a cylinder. Do the same for a cube and a pyramid.</p>	<p>Play rock, paper, scissors with a parent or friend. Tally how many times you and your partner win. Compare the number of times you won to your partner and create a math sentence showing the comparison.</p>	<p>Complete this story like a model drawing problem. Danny has 3 plates of cookies with 4 cookies on each plate. How many cookies does he have in all?</p>	<p>Create a survey for favorite day of the week. Ask at least 20 people. Create a graph to show your results.</p>	<p>Estimate how long it will take you to do 100 jumping jacks. Did it take more or less than 5 minutes? Record your time and compare it with a friend.</p>
<p>Make 18 by: multiplying two numbers and dividing two numbers.</p>	<p>Count on a calendar to answer this question: How many days until your birthday?</p>	<p>How many times can you hop on your left foot in a minute? Your right foot? Compare the number of hops using the symbols $<$, $>$, $=$. What's the difference? Test other people in your family!</p>	<p>I have 7 marbles. I want 19 marbles. What do I need to do? I have 13 apples, but I only want 5. What do I need to do? Write a math equation for both problems.</p>	<p>Practice counting forward and backward by 2's, 5's, and 10's from ANY number. Can you do it while patting your head and rubbing your tummy?</p>
<p>What day of the week is it? What is the date? What was the day and the date 2 days ago? What will tomorrow's day and date be? What day and date will it be in 1 week? 2 weeks? 4 weeks?</p>	<p>Mark has 24 buttons. He uses 6 buttons for each shirt. Illustrate this problem and write an equation showing your thinking.</p>	<p>Complete this story like a model drawing problem. Beth has 15 apples. She wants to put 3 apples in each bag. How many bags will Beth need?</p>	<p>Write two equations making 40 using these numbers only once. 10, 38, 30, 2 Make an equation on your own for 40 using different numbers.</p>	<p>The difference is 4. Using the numbers below, write 5 equations. 11, 4, 5, 8, 7, 3, 10, 6, 9, 13</p>