



Summer Math Review

Students entering 4th grade

Due: Monday, August 14, 2023

Listed below are great everyday activities that you can do with your child any time to help build his/her number sense.

1. Students are required to **complete 20 activities**.
2. Parent initials and date are required in each box when completed.
3. The completed grid with the required **parent initials and date** will be worth one math class work grade at the beginning of the school year. No other documentation is needed.
4. **Please practice basic math facts daily.** Students will take 2 timed quizzes over basic facts (+, -, x) during the first full week of school. The average of these quizzes will count as the first test grade in the first quarter.

<p>The next time you are in the car see who can find the license plate that has the highest sum when you add the digits. What is the sum of your car?</p> <p>_____</p> <p>Parent Initials/Date</p>	<p>Rock, Paper Scissors! Play with somebody for 10 rounds. Keep track of how many wins and losses you each have. Play again.</p> <p>_____</p> <p>____ _</p> <p>Parent Initials/Date</p>	<p>Help make something in the kitchen and talk about math involved with measuring, portions, estimating, counting, multiplying, timing, etc.</p> <p>_____</p> <p>____ _</p> <p>Parent Initials/Date</p>	<p>Have somebody time you for 2 minutes. Count how many jumping jacks you can do. Take a rest and repeat. What is the difference between the first and second time?</p> <p>_____</p> <p>____ Parent</p> <p>Initials/Date</p>	<p>Play a board game involving numbers/money like Yahtzee or Monopoly.</p> <p>_____</p> <p>____ Parent</p> <p>Initials/Date</p>
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<p>Happy Birthday USA! The USA was born in 1776. How many years ago was that? What year will our nation be 250 years old? 300 years old?</p> <p>_____</p> <p>____ Parent</p> <p>Initials/Date</p>	<p>Speed Multiplication War! Each player turns over a card, first person to say the product of the 2 cards wins. If both say the product at the same time, then it is a war.</p> <p>_____</p> <p>____ Parent Initials/Date</p>	<p>Use sidewalk chalk to draw an interesting picture that includes at least 1 rectangle, 1 triangle, and 1 square that are all symmetrical.</p> <p>_____</p> <p>____ Parent Initials/Date</p>	<p>Write your full name. If each vowel is worth a quarter and each consonant is worth a dime, how much is your name worth? Who has the most valuable name in your family?</p> <p>_____</p> <p>____ Parent Initials/Date</p>	<p>I made 24 water balloons that I want to put in equal piles. How many different ways can I pile the balloons so there is always an equal number in each group?</p> <p>_____</p> <p>____ Parent Initials/Date</p>
<p>The world record for spinning a coin is 25</p>	<p>Roll 2 dice and multiply the numbers.</p>	<p>A firefly glows 20 times every minute.</p>	<p>Close to 20! Deal 5 cards to each player.</p>	<p>Jen multiplied 2x3x10 and Madison</p>

<p>seconds. How close can you come to breaking the record? Which coins can you get to spin the longest?</p> <p>_____</p> <p>____ Parent Initials/Date</p>	<p>Do this at least 25 times. Keep track of the products using a line plot graph. Do you notice any patterns in the results?</p> <p>_____</p> <p>____ Parent Initials/Date</p>	<p>How many times would he glow in 5 minutes? 10 minutes? 1 hour?</p> <p>_____</p> <p>____ Parent Initials/Date</p>	<p>(ace=10). Choose 3 of your cards and use any operation (x, ÷, +, -) to get closer to 20. Closest one wins!</p> <p>_____</p> <p>____ Parent Initials/Date</p>	<p>multiplied 3x10x2. Will they get the same answer?</p> <p>_____</p> <p>____ Parent Initials/Date</p>
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<p>The tallest sunflower in the world grew to be 9 yards tall. How many inches tall is the sunflower? How much taller is the sunflower than you?</p> <p>_____</p> <p>____ Parent</p> <p>Initials/Date</p>	<p>What is the sum of the dates of all the Wednesdays in July? Try to solve it mentally. What strategies did you use? Will you get the same answer in August?</p> <p>_____</p> <p>____ Parent</p> <p>Initials/Date</p>	<p>The next time you are in the car, use the numbers on license plates to see who can \times, \div, $+$, $-$ the digits to get exactly 24.</p> <p>_____</p> <p>____ Parent</p> <p>Initials/Date</p>	<p>How fast can you count from 0 to 44 counting by 4s? Have someone time you. Try it over several days to see if your time improves. Try it with other numbers.</p> <p>_____</p> <p>____ Parent</p> <p>Initials/Date</p>	<p>Fold a paper in half. How many sections do you get? Fold it twice, how many do you get? 3 times? 4? 5? How many times can you fold paper in half?</p> <p>_____</p> <p>____ Parent</p> <p>Initials/Date</p>
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- Helpful resources for math information: www.mathisfun.com and www.khanacademy.com.
- Math activities listed above can be substituted with one of your own math activities. Please list these activities on a separate sheet of paper and staple it to the worksheet.