

Summer Math Calendar for Students Entering 6th Grade



Douglas Public Schools

Just as teachers encourage students to continue reading throughout the summer to solidify and retain reading skills, we feel the same attention should be given to mathematics. Your child has worked hard this year in 5th grade and learned about many mathematical concepts. Next year in 6th grade, students will be learning new skills that build upon those that were covered. To succeed, your child needs to be well prepared. Therefore, we are providing your child with Summer Math Calendars for July and August. Each calendar contains a problem per day which are designed to review many of the most important concepts your child studied this year. We believe review over the summer will keep math skills fresh in your child's mind and help him/her be ready for the next grade. If you are looking for other ways to review in addition to the calendars, **we encourage you to practice basic multiplication and division facts,** as these are the foundation upon which more complicated math concepts build.

We ask that you help your child spend time working on the calendar problems this summer. Talk to him/her about the problems and the methods they used to solve them. Completed calendars are due by **Thursday, September 3, 2026** to Mrs. Findlay, your 6th grade Math teacher, where they will be reviewed in class.

Thank you for helping your child to be more prepared for 6th grade! We wish you a wonderful and restful summer!

Name_____

July Math Calendar



Monday	Tuesday	Wednesday	Thursday	Friday
1. **You buy two hot dogs for $2.75 each. You pay with a $10 bill.** **How much change will you get?** _____	2. 7 times the difference of 12 and 3 The student wrote the word expression shown in this box. Which of the following numerical expressions is equivalent to the student's word expression? A. $7 \times 12 - 3$ B. $12 - 3 \times 7$ C. $(7 \times 12) - 3$ D. $(12 - 3) \times 7$	3. **Use Order of Operations.** **Remember PEMDAS** $8 \times 7 - 5 \times 3$ _____	4. **Which of the following statements about quadrilaterals is true?** A. Every rhombus is also a square B. Every trapezoid is also a square C. Every rhombus is also a parallelogram D. Every trapezoid is also a parallelogram	5. $4,230 \div 15$ _____
6. **Which of the following is always true about an isosceles triangle?** A. The sum of its angles is $100°$. B. It cannot contain a right angle. C. Two of its sides must be congruent. D. All three of its angles must be congruent.	7. **Find the product.** **215 x 17** _____	8. **Evaluate 10^6** _____	9. **One cup of trail mix contains $\frac{1}{3}$ pound of dried fruit. Riley has $7\frac{1}{2}$ cups of the trail mix. What is the total amount, in pounds, of dried fruit in Riley's trail mix?** **A.** $3\frac{1}{6}$ **B.** $2\frac{1}{2}$ **C.** $2\frac{1}{3}$ **D.** $1\frac{1}{6}$	10. **Buttons come in packs of 15. How many packs should you buy if you <u>need 100 buttons</u>?** _____

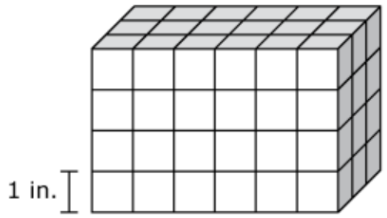
Monday	Tuesday	Wednesday	Thursday	Friday
11. Calculate the Area. Remember A= L x W 8in  23in _____in^2	12. $348 \div 24 = n$ n= _____R_____	13. Solve. Simplify. $\frac{3}{4} \times 6$ _____	14. Kylee ordered 144 packages of beads from a craft store. Each package contains 25 beads. What is the total number of beads Kylee ordered? _____	15. Find the Perimeter 14cm  _____
16. $7,602 \div 21$ _____	17. Evaluate 10^4 _____	18. Remember PEMDAS 4 + 8 ÷ 2 x 9 _____	19. Solve for ☺ ☺ + 39 = 52 ☺ = _____	20. List from least to greatest: 1.97, 1.75, 1.957 _____ _____ _____

Math calendars will be submitted at the start of the school year and <u>recorded as a grade</u>. Please show ALL WORK on scrap paper, neat and numbered with a heading, if you are unable to fit it in the designated box.

Name:_____ # August Math Calendar



Monday	Tuesday	Wednesday	Thursday	Friday
1. Which of the following expressions is equivalent to 1,000,000,000? A. 10^{11} B. 10^{10} C. 10^{9} D. 10^{8}	2. Which of the following shows the number rounded to the nearest hundredth? 15.837 A. 15.8 B. 15.9 C. 15.83 D. 15.84	3. There are 36 boxes of colored pencils in a supply closet. Each box has 124 colored pencils in it. What is the total number of colored pencils in the supply closet? _____	4. Select the correct word form for the following decimal 205.17 **A.** Two hundred five and seven hundredths **B.** Two hundred fifty and seven hundredths **C.** Two hundred five and seventeen hundredths **D.** Two hundred fifty and seventeen hundredths	5. Don't forget your common denominator (LCD) $8\frac{4}{5} - 3\frac{3}{4}$ _____
6. $1.33 \div 7$ _____	7. Find the product. 628 x 35 _____	8. Amanda bought 4 bags of potatoes at a market. Each bag of potatoes weighed 5.75 pounds. What is the total weight of the 4 bags? _____	9. Lina brought $10.00 to the fair. She spent $2.59 for cotton candy. She spent $3.49 for a toy. How much money did Lina have left? _____	10. Solve. Simplify. $\frac{2}{8} \times 3$ _____

Monday	Tuesday	Wednesday	Thursday	Friday
11. Calculate the Area. Remember A = L x W 9in ☐ 27in _____in²	12. $348 \div 22 = n$ n= _____R_____	13. There are 144 pages in a book. If Connor reads 16 pages each night, how long will it take him to read the entire book? _____	14. A right rectangular prism is made of cubes. Each cube has an edge length of 1 inch. What is the volume, in cubic inches, of the prism?  _____	15. Find the Perimeter 19cm ☐ _____
16. $7,632 \div 21$ _____R_____	17. Write this number in standard form. *Sixty-three and five hundred forty-six thousandths* _____	18. Solve for ☺ ☺ - 21 = 46 ☺ = _____	19. A right rectangular prism is made of cubes. Each cube has a side length of 1 centimeter. What is the volume, in cubic centimeters, of the prism?  _____	20. List from least to greatest: 2.57, 2.557, 2.075 _____ _____ _____

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