

# December

## Math At Home—Grade 5

As you finish each day's activity, circle the date.



1. What fraction of the word December are vowels.  
What fraction of the word December are consonants.
2. Subtract the number of days in the month of December minus the number of days you will be at school.
3. Keep a log. How many hours a day do you watch TV?
4. Check a map. Approximately how many miles is it from your home to the North Pole?
5. If you write all of the numbers to one hundred, how many times will you write a five?
6. Add the dates of all of the Wednesdays in this month.  
Is the sum odd or even?
7. Add the dates of all of the Sundays in this month.  
Is the sum less than or greater than yesterday's sum.
8. Draw a cube, a cylinder, and a pyramid.
9. Use a newspaper. Find the cost of three toys.  
What is the total cost?
10. Use the total from yesterday. Sales tax is 8%. How much money in tax will you pay.
11. Add the total cost of the toys and the tax.
12. Use a newspaper. Find the price of a present for your parents.
13. Use a newspaper. Price the items needed for a family dinner.  
What is the total cost?
14. Find six quarters. Add their year dates.  
Divide the sum by this year's date.
15. If there are ten presents and three children, how many presents will each child receive?
16. How many days until the end of the year?  
How many hours until the end of the year?
17. Your class wants to raise \$75.00. You sell ice cream for \$1.50.  
How much ice cream will you need to sell?

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18. Count the number of people in your entire family.  
Round the number to the nearest ten.
19. Gifts cost: \$3.25, \$2.25, \$2.25, \$4.50, \$3.00.  
What is the mean price of a gift?
20. Use the gift prices from yesterday.  
What is the mode price of a gift?
21. Use the gift prices from #19.  
What is the median price of a gift?
22. Use the gift prices from #19. What is the range of gift prices?
23. Write the prime factorization of 28.
24. Is today's date a prime number or a composite number?
25. Use a ruler. What is the perimeter of this page of paper?
26. Use a ruler. What is the area of this page of paper?
27. List the factors of 27.
28. Which is greater: 0.0418 or 0.0481?
29. Write as a fraction: 1.08
30. Write as decimals  $8\frac{4}{100}$ ,  $8\frac{4}{1000}$
31. Circle the multiples of seven on this calendar.