

Number of the Day  
5,721

1. Write in expanded form.
2. What number comes before 5,721?
3. What number comes after 5,721?
4. What is five more than 5,721 ?
5. What is ten more than 5,721?
6. What is one hundred more than 5,721?
7. Is 5,721 odd or even?
8. Is 5,721 greater, less than or equal to 5,721?
9. Is 5,721 greater or less than 3,284?
10. Draw 5,721 out in ten base blocks.
11. Round 5,721 to the nearest hundred.
12. Round 5,721 to the nearest thousand.
13. What are the factors of 12? Is 12 prime or composite?
14. Is 1 prime, neither, or composite?
15. Add  $\frac{4}{10} + \frac{63}{100}$ .
16. Multiply  $5 \times \frac{1}{2}$ .
17. Start with 7 and add 10. What is the sixth number?
18. Add  $\frac{1}{3} + \frac{1}{6}$ .
19. Write an equivalent fraction for  $\frac{2}{4}$ .
20. Find the difference:  $29,459 - 27,423$ .
21.  $0.2 + \frac{7}{10} =$
22. Write a fraction for  $18 \frac{8}{10}$ .
23. There are 800 tables in the banquet hall. Each table will need 6 cloth napkins. How many napkins are needed to set up the table?
24. The student enrollment at a university was 1,185 in 2004. By 2014, the enrollment had grown to 2,832. How many more students attended the university in 2014 than in 2004?
25. The population of Pleasantville is 21,463. What is the population of the city, rounded to the nearest thousands?
26. There are 3 times as many red crayons in a bucket as blue crayons. There are 8 blue crayons. Which equation represents the number of red crayons in the bucket? A.  $16 \div 8 = 3$  B.  $8 - 3 = 5$   
C.  $3 + 8 = 11$  D.  $3 \times 8 = 24$
27. Which equation is TRUE?  
A.  $\frac{3}{9} = \frac{1}{9} + \frac{1}{9}$   
B.  $\frac{4}{8} = \frac{2}{8} + \frac{2}{8}$   
C.  $\frac{5}{7} = \frac{2}{7} + \frac{1}{7}$   
D.  $\frac{3}{9} = \frac{1}{3} + \frac{1}{3} = \frac{1}{3}$
28. Which decimal is equivalent to  $\frac{28}{100}$  ?  
A. 0.259 B. 0.0285 C. 0.28 D. 280.00
29. Ms. Johnson planted a rectangular garden. The length of the garden is 10 feet. The width is 9 feet. What is the perimeter of the garden? Perimeter =  $2(\text{length} + \text{width})$   
A. 128 feet B. 19 feet C. 38 feet D. 40 feet
30. Which type of angle is more than 90 degrees?  
A. obtuse B. acute C. right D. perpendicular

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31. Which number shows the decimal form for this expression?  $7 + 5 \times (1/10) + 9 \times (1/100) + 3 \times (1/1000)$

- A. 7.593      B. 0.7593      C. 79.53      D. 075.93

32. What is 39.16 rounded to the nearest tenths? A. 39.2      B. 391.4      C. 39.04      D. 3.9340

33. Add  $9\frac{1}{3} + 7\frac{2}{4}$

34.  $1/2 = ?/8$

35. What is the volume of the cube? Length = 1, width = 1, and height = 1

36. A cake recipe uses  $2/4$  cup of butter. A frosting recipe uses  $1/4$  cup of butter. How many cups of butter are used to make both the cake recipe and the frosting recipe.?

37. Store A received a shipment of 20 boxes of phones. Each box had 15 phones. How many phones are there?

38. Select two numbers that are multiples of 3.      A. 3      B. 22      C. 12      D. 68      E. 84

39. Which fraction makes this expression true?  $? = 1/2$

- A.  $1/4$       B.  $2/3$       C.  $2/4$       D.  $1/3$

40. Sarita has 3 rolls of ribbon. Sarita cuts off  $1/2$  yard from each roll. How much ribbon does she cut off in all?

- A. 1 yard      B.  $1\frac{1}{2}$  yards      C. 3 yards      D.  $3\frac{1}{2}$  yards

41. What fraction is equivalent to  $5/10$ .

- A.  $5/100$       B.  $5/100$       C.  $50/100$       D.  $25/100$

42. I am a triangle with three sides of the same lengths.

- A. Scalene      B. Right      C. Isosceles      D. equilateral