

## 4<sup>th</sup> Grade Math Questions

1. If a truck weighs  $3\frac{1}{2}$  tons, how many pounds does it weigh?  
**7, 000 pounds (1 tons = 2, 000 pounds)**
2. When you estimate, is your exact or approximate?  
**approximate**
3. Which is greatest: .5, .05, .005, or .0005?  
**.5**
4. What is one-tenth of \$40?  
**\$4 ( $40 \div 10 = 4$ )**
5. How much is  $14 + 15 + 16$ ?  
**45**
6. Which number is the denominator in the fraction  $\frac{6}{9}$ ?  
**9 (The denominator is below the line and tells how many in all.)**
7. How many years in decade?  
**10**
8. What remainder is left after you divide 35 by 4?  
**3 ( $35 \div 4 = 8$  with a remainder of 3)**
9. Calculate  $7 \times 5 + 9 \times 4$ .  
**71 ( $35 + 36 = 71$ )**
10. Ted has a quarter and 8 pennies. Ned has 3 dimes and a nickel. Who has more?  
**Ned (He has 35 cents; Ted has only 33 cents.)**
11. What is the decimal for 7 hundredths?  
**.07**
12. Are figures that have the same shape called similar, congruent or parallel?  
**Congruent**
13. I have 6 coins that total 45 cents. What are they?  
**3 dimes and 3 nickels**
14. How much is  $37 \times 5$ ?  
**185**
15. How many zeros are in the number one hundred thousand?  
**5 (100,000)**
16. If two computer games each cost \$24.98, will \$50.00 cover the cost?  
**Yes ( $\$24.98 \times 2 = \$49.96$ )**
17. Use pencil and paper to find the product of  $504 \times 6$ .  
**3, 024**
18. How many ounces in a pound of butter?  
**16**
19. A jar contains 3 brown candies and 2 red ones. What are the chances of picking a red one?  
**2 in 5, or  $\frac{2}{5}$**

20. I have 15 flowers. If 6 are blue and the rest are red, what fraction is red?  
**9/15 or 3/5 ( $15/15 - 6/15 = 9/15 = 3/5$ )**
21. What number added to the sum of  $14 + 19 + 6$  equals 74?  
**35 ( $74 - 39 = 35$ )**
22. Does  $26 \times 20$  equal 430, 530, 630 or none of these?  
**None of these ( $26 \times 20 = 520$ )**
23. What's the perimeter of a rectangle that measures  $11 \frac{1}{2}$  inches by 9 inches?  
**41 inches ( $23 + 18$ )**
24. If  $8/10$  expressed as a decimal, is it .8, .08 or .008?  
**.8**
25. If each side of a square is 4 inches long, what's the area of a square?  
**16 square inches ( $4 \times 4 = 16$ )**
26. 630 divided by what number equals 7?  
**90 ( $90 \times 7 = 630$ )**
27. Subtract 78 from 102. Then divide by 8. What answer do you get?  
**3**
28. A farmer has 6,000 feet of fencing. Can he build a fence a mile long?  
**Yes (1 mile = 5,280)**
29. Stanley had a gallon of water and drank  $\frac{3}{4}$  of it. How many quarts were left?  
**1 (1 gallon = 4 quarts)**
30.  $750 - 190$  is greater than 555. True or false?  
**True**
31. What is 50% of \$20?  
**\$10**
32. What is  $1.9 - 0.5$ ?  
**1.4**
33. It costs \$145.50 to rent a van. Six friends divide it equally. How much does each pay?  
**\$24.25 ( $145.50 \div 6$ )**
34. I collected 47 more rocks than shells. I have 23 shells. How many rocks do I have?  
**70 ( $23 + 47 = 70$ )**
35. What's the Roman numeral for the number 100?  
**C**
36. Pick only those numbers that are multiples of 4: 8, 12, 18, 23, 28.  
**8, 12, 28**
37. Which of the following is a polygon: a curve, a circle, or a triangle?  
**a triangle**
38. Which is greater:  $\frac{7}{3}$  or  $\frac{11}{6}$ ?  
 **$\frac{7}{3}$  ( $2 \frac{1}{3}$  is greater than  $1 \frac{5}{6}$ ).**
39. How much is  $\frac{4}{5}$  of 200?  
**160**

40. I have 4 coins that total 26 cents. One is a nickel. What are the other 3 coins?  
**2 dimes and 1 penny ( $26 - 5 = 21$ ;  $10 + 10 + 1 = 21$ )**
41. How many meters in  $3\frac{1}{2}$  kilometers?  
**3,500 ( $1,000 \times 3.5 = 3,500$ )**
42. Put in order from greatest to least: meter, centimeter, kilometer, millimeter.  
**kilometer, meter, centimeter, millimeter**
43. How do you express fifteen-thousandths as a decimal?  
**.015**
44. Subtract 71 from 88.  
**17**
45. Is  $\frac{6}{4}$  the same as  $\frac{2}{3}$ ,  $1\frac{1}{2}$  or  $1\frac{1}{4}$ ?  
 **$1\frac{1}{2}$**
46. Fred gave Paula 4 coins that totaled 77 cents. What were the 4 coins?  
**1 half dollar, 1 quarter, 2 pennies**
47. Find the sum of  $\frac{5}{3} + \frac{2}{3} + \frac{2}{6}$  in its simplest form.  
 **$2\frac{2}{3}$**
48. Find the average of 4, 7, 8, 5.  
 **$6 ([4 + 7 + 8 + 5] \div 4)$**
49. What is the sum of  $8.6 + 0.5$ ?  
**9.1**
50. If 5 people can be served in 1 minute, how long does it take to serve 120?  
**24 minutes ( $120 \div 5$ )**
51. What is the sum of  $635 + 253$ ?  
**888**
52. A symmetrical figure can be divided into two identical parts. True or false?  
**true**
53. Order these decimals from smallest to largest: .08, .88, .80.  
**.08, .80, .88**
54. Can Cal buy 50 cents superhero card if he has 2 dimes, 3 nickels, and 6 pennies?  
**No (He has only 41 cents.)**
55. 32 degrees Fahrenheit is warmer than 0 degrees Centigrade. True or false?  
**false ( $32^\circ$  degrees Fahrenheit is the same as  $0^\circ$  Centigrade.)**
56. If 25% of the apples are spoiled, what percentage is not spoiled?  
**75% ( $100\% - 25\% = 75\%$ )**
57. If you get 15 baseball cards every month, how many will you have in 10 months?  
**150 ( $15 \times 10 = 150$ )**
58. The denominator of a simple fraction is always smaller than the numerator. True or false?  
**false (It's the other way around.)**
59. Estimate the width of an ordinary car. Is it closer to 3 feet, 6 feet or 18 feet?  
**6 feet**

60. How many digits are in the number seventy-six thousand five hundred thirteen?  
**5 (76,513)**
61. Express  $\frac{6}{100}$  as a decimal.  
**.06**
62. How much is  $20 \times 15 \times 3$ ?  
**900**
63. Divide 86 by 20. Do you get 4 with a remainder of 16 or 4 with a remainder of 6?  
**4 with a remainder of 6**
64. What time will it be 2 hours and 10 minutes after 8:55 P.M.?   
**11:05 P.M.**
65. Divide 500 by 1.  
**500**
66. Find the number of quarts in  $3 \frac{1}{2}$  gallons.  
**14 quarts ( $4 \times 3 \frac{1}{2}$ )**
67. When you divide 880 by 30, there is no remainder. True or false?  
**false (The remainder is 10.)**
68. How many feet in  $2 \frac{1}{3}$  yards?  
**7**
69. What is the sum of  $\frac{3}{4}$  and  $\frac{3}{4}$ ?  
 **$1 \frac{1}{2}$**
70. What is  $\frac{1}{2} - \frac{1}{4}$ ?  
 **$\frac{1}{4}$  ( $\frac{1}{2} = \frac{2}{4} - \frac{1}{4} = \frac{1}{4}$ )**
71. We sold 69 T-shirts at \$2.95 each. Did we make about \$150, \$200 or \$300?  
**about \$200 ( $70 \text{ T-shirts} \times \$3 = \$210$  rounded to \$200)**
72. How many ounces are in  $1 \frac{1}{2}$  pounds?  
**24 ounces (One pound equals 16 ounces.)**
73. When you divide 744 by 62, there's no remainder. True or false?  
**true ( $744 \div 62 = 12$ )**
74. After putting these numbers in order, find the median: 7, 5, 9, 1, 3.  
**5 (1, 3, 5, 7, 9; or 9, 7, 5, 3, 1)**