

5th Grade Math Questions

1. What is the decimal value of two-fifths?
.4
2. Give the next number in this pattern: 1, 6, 2, 7, 3, ...
4 (1+5=6; 6-4=2; 2+5=7; 7-4=3; and so on)
3. What is the sum of the interior angle of any triangle?
180 degrees
4. We waited 50 minutes in line. The movie was 130 minutes long. How many hours in all?
3 hrs.
5. How much is $\frac{3}{4}$ and $\frac{4}{16}$?
 $\frac{16}{16}$ or 1
6. What 4 coins add up to 95 cents?
1 half-dollar, 1 quarter, and 2 dimes
7. How many equal sides does an isosceles triangle have?
2
8. What is the product of $7 \times 4 \times 4$?
112
9. What 6 coins are equal to the decimal .60?
6 dimes
10. How much is 20 percent of 65?
13
11. Round the decimal 0.555 to the nearest hundredth?
0.56
12. The temperature was -10 degrees. It rose 12 degrees. What's the new temperature?
2 degrees above zero
13. How many centimeters are in 4.7 meters: 47, 470, or 4,700?
470
14. A rectangular mural measures 4 feet by 6 feet. What is its perimeter?
20 feet ($4 \times 2 = 8$; $6 \times 2 = 12$; $8 + 12 = 20$)
15. If a car is traveling 50 mph, how long will it take to go 75 miles? **$1\frac{1}{2}$ hrs.**

16. What is the sum of 24×6 and 11×11 ?
265 ($144 + 121$)
17. Is the distance around a circle called its perimeter, area or circumference?
Circumference
18. Add these times together: 57 minutes plus 1 hour and 33 minutes.
2 hours and 30 minutes
19. Estimate the difference then find the actual difference: $5,260 - 3,345$?
Estimated: 2,000; actual: 1,915 (After rounding $5,000 - 3,000 = 2,000$)
20. How much is 97 minus 63 minus 8 minus 17?
9
21. What do mathematicians call a number that is less than zero?
A negative number
22. Besides a circle, what figure has no sides and no angles?
An oval
23. What do we call two lines that cross at a specific point?
Intersecting lines
24. What is the value of y if $x - y = y$ and $x = 4$?
2 (the only number that can be subtracted from 4 and yields 2)
25. Jo bought 2 ties for \$39.99. If she got \$10.01 in change, how much did she give the cashier?
\$50.00
26. What number added to 235 equals 618?
383
27. What is the product of 10 squared?
100 ($10 \times 10 = 100$)
28. What multiples of 8 fall between the numbers 14 and 25?
16, 24
29. What is the quotient of zero divided by 27?
Zero (0)
30. Simplify the fraction $\frac{8}{8}$.
1

31. The rate is 1.25 euros to \$1.00. How many euros will we get for \$55.00?
68.75 euros ($55 \times 1.25 = 68.75$)
32. Multiply 6.5 by 10.
65
33. Is the line segment that bisects a circle called the radius or the diameter?
The diameter
34. Ann scored 50, Dan scored 70 and Jan scored 30. What's their average score?
50 ($150 \text{ divided by } 3 = 50$)
35. Add together 8×8 and 5×5 .
89 ($64 + 25$)
36. What place value does 3 have in the decimal 1.36?
tenths
37. What fraction of a yard is 12 inches?
 $\frac{1}{3}$ ($\frac{12}{36} = \frac{1}{3}$)
38. Which is greater than 90 degrees: an acute angle or an obtuse angle?
An obtuse angle
39. A number that's divided by another number is called the divisor. True or false?
False (it's called the dividend)
40. Find the product of 80×7 .
560
41. Our bus left at 12:45 P.M. The trip took $4\frac{1}{2}$ hours. What time did we arrive?
5:15 P.M
42. Using pencil and paper, find the sum of \$23.47 and \$69.03.
\$92.50
43. The band has 3 drums and 3 flutes. What's the ratio of drums to flutes?
1:1 or 1 to 1
44. How many zeros are there in 735 million?
6 (735,000,000)
45. Round to the nearest hundred, then estimate the difference: 669 minus 435.
300 ($700 - 400$)

46. If your album has 6 photos per page, on which page is the 45th photo?
The 8th page
47. Bill spent \$3.55 on lunch. He has \$4.23 left. How much did he start out with?
\$7.78
48. What 4 coins are equal to the decimal .04?
4 pennies
49. Multiply 1 and $\frac{2}{3}$ by $\frac{3}{5}$. What is the product?
1 ($\frac{5}{3} \times \frac{3}{4} = 1$)
50. Add $\$57.94 + \$6.19 + \$9.07$. What's the total?
\$73.20
51. Find the misfit: cube, sphere, cone, square, pyramid.
Square (not a three dimensional figure)
52. When you bisect a circle, what new forms do you get?
2 semi-circles, or 2 half circles
53. How much is 80 percent of 150?
120
54. Find the value of n in $\frac{7}{3} = \frac{28}{n}$
12
55. What do you subtract from $\frac{3}{4}$ to leave a difference of $\frac{1}{2}$?
 $\frac{1}{4}$
56. Which has two pairs of parallel sides: a trapezoid or a parallelogram?
A parallelogram
57. How much is .3 multiplied by 8?
2.4
58. What fraction of a pound is 8 ounces?
 $\frac{1}{2}$ (1 pound=16 ounces)
59. In a week, we'll leave on our camping trip. How many days must we wait?
~~42 days (6x7=42)~~ **7**
60. Add these together: 8×100 and 4×20 .
880 (800+80)