ELEMENTARY CALCULATOR (GRADES 3 - 5)

1. 439 + 56 ---------- 1=_____

2. 765 - 142 - 86 ---------- 2=_____

3. 3281 - 450 + 298 ---------- 3=_____

4. 172 - 334 - 1694 + 2119---------- 4=_____

5. 9198 - 1130 - 2080 + 4328 ---------- 5=_____

6. 29.5 - 1.438 - 3.201 - 11.3 - 1.6 ---------- 6=_____

7. 6.4 - 4.157 + 75.4 - 13.9 + 4.1 ---------- 7=_____

8. 4.3 + 4.84 + 0.00213 - 6.1 + 4.5 ---------- 8=_____

9. 49 x 2180 x 17 ---------- 9=_____

10. 52 x 9.15 x 3.034 x 1.298 ---------- 10=_____

11. In 2000, 108 students participated in the Calculator contest. 128 participated in 2001, 117 participated in 2002 and 145 last year. How many total students participated in Calculator during the last four years ?

11= _____ students(INTEGER)

12. A bus can hold 50 students. There are 523 students in our school. How many buses will be needed to take the students to the park for a school picnic ?

12= _____ buses (INTEGER)

13. Nicole has 7 quarters, 8 dimes, 9 nickels and 21 pennies. How much money does Nicole have ?

13= $_____

14. $(-117 + 1982)$ ---------- 14=_____

15. $(0.213 - 0.105) - (0.774 - 0.120)$ ---------- 15=_____

16. $\dfrac{(549 - 170)}{(119 - 217)}$ ---------- 16=_____

17. $0.438(2.03 \times 6.19 \times 1.5)$ ---------- 17=_____

18. $\dfrac{15/53}{21/53}[-0.488 + 4.48 + 13.9]$ ---------- 18=_____

19. $\left[\dfrac{14}{43} + \dfrac{13}{43}\right](-0.339 - 4.14)$ ---------- 19=_____

20. $\dfrac{[-(1.55 + 3.1)(3.6 + 4.45)]}{(21/21)}$ ---------- 20=_____

21. $\dfrac{[(803)(598 - 331)]}{[(918)(402 - 116)]}$ ---------- 21=_____

22. $\pi\left(\dfrac{15}{67}\right)(87600 - 22800)$ ---------- 22=_____

23. $\dfrac{\pi}{6}(777000 - 218000)$ ---------- 23=_____

24. A can contains 3 tennis balls. How many tennis balls are contained by two dozen cans ?

24=_____ tennis balls (INTEGER)

25. How much change will you receive from a $20 bill if you have to pay $4.25 for a movie ticket, $3.00 for nachos, $2.25 for a box of candies, and $2.75 for a drink ?

25= $_____

26. Find Brenda's score on a calculator test if she attempts the first 50 problems and 42 of those problems were solved correctly.

26= _____ (INTEGER)

27. $\left(\frac{53}{95}\right)^{7}(68300)$ ---------- 27=_____

28. $[-89.3\,(\,837\ -\ 26.4\,)]\ -\ [0.304\,(\,498\ -\ 218\,)]$ ---------- 28=_____

29. $\frac{\pi(2.63 \times 10^{3})}{(\,2100\ \times\ 5.9\,)}$ ---------- 29=_____

30. $\frac{(12\ /\ 24)(\,1.15\,)}{\left(3.29\ \times\ 10^{-6}\right)}$ ---------- 30=_____

31. $0.00372\left[\left(7.91\ \times\ 10^{17}\right)\ -\ \left(1.50\ \times\ 10^{17}\right)\right]$ ---------- 31=_____

32. $\frac{75000}{4.21 \times 10^{5}}(\,0.521\ -\ 0.259\,)$ ---------- 32=_____

33. $\frac{1}{0.321}\ +\ \frac{1}{5.67}\ +\ \frac{1}{0.153}$ ---------- 33=_____

34. $\left[\frac{1}{5.08 \times 10^{-3}}\ +\ \frac{1}{9.04 \times 10^{-3}}\right]$ [219000] ---------- 34=_____

35. Find the sum of the all of the whole numbers between 17 and 25.

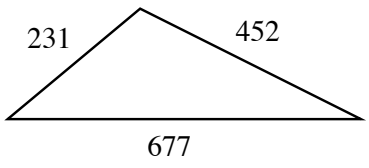
35=_____ (INTEGER)

36. Assume the each car is 13 feet long. 19 cars are placed in a line, bumper to bumper. Find the distance between the front bumper of the first car and the back bumper of the last car.

36=_____ feet

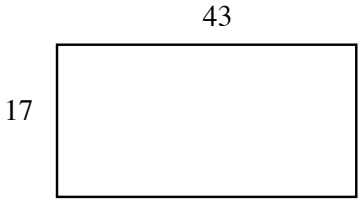
37. Triangle

Perimeter = ?



37=_____

38. Rectangle



Area = ?

38=_____

39. $(55/21)^5(217000)$ ---------- 39=_____

40. $(0.0219 - 0.165)^2 (3.89 - 1.02)^2$ ---------- 40=_____

41. $\sqrt{0.463(9.41 - 5.31)}$ ---------- 41=_____

42. $(889)^2\sqrt{675 - 299}$ ---------- 42=_____

43. $\dfrac{1}{\sqrt{0.222 + 30.3} + \dfrac{1}{\sqrt{651}}}$ ---------- 43=_____

44. $\left[\dfrac{2.08 + (1/310)}{(1/210) + 130}\right]^2$ ---------- 44=_____

45. $\sqrt{-148000(-3.04 \times 10^{-5})}$ ---------- 45=_____

46. $\left[\dfrac{(19/49)(8.91 \times 10^3)(51600 - 14900)}{(9.35 \times 10^4)}\right]^2$ ---------- 46=_____

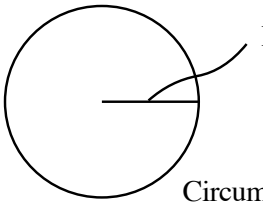
47. Miss Garcia has a rectangular garden that measures eight feet by six feet. One third of the garden is planted with roses and the rest of the garden is planted with vegetables. How many square feet of the garden is planted with vegetables ?

47= _____ sq. feet (INTEGER)

48. How long would it take to complete a non-stop 304 miles trip from McAllen to Austin if I average 52 miles per hour ?

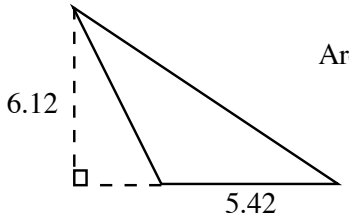
48=_____ hr.

49. Circle



49=_____

50. Triangle



50=_____

51. $\dfrac{(15.3 - 10.3 + 22.8)^3}{\sqrt{69.3 - \pi}}$ ---------- 51=_____

52. $\dfrac{\pi^3\sqrt{1.19 \times 10^{-5}}\,[317000 + 159000]}{\sqrt{(0.0123)(6000)}}$ ---------- 52=_____

53. $\left[\dfrac{197}{205} - \dfrac{11}{205} + \dfrac{63}{205}\right]^2 [0.531 - 0.0119]$ ---------- 53=_____

54. $\left[\left(6\frac{2}{5}\right) \times \left(2\frac{1}{3}\right) \times \left(10\frac{1}{6}\right)\right]^2$ ----------54=_____

55. $\left[\dfrac{\sqrt{\sqrt{115000 \times 219000}}}{[331 + (-557)]}\right]^2 [8.35 - 3.37]$ ---------- 55=_____

56. $\left[\dfrac{1}{1/\sqrt{(89300)^3}}\right]^2$ ---------- 56=_____

57. $\sqrt[3]{\dfrac{(61.1 - 33.6)(0.00835 + 1.11)^3}{(138)(55100)}}$ ---------- 57=_____

58. $\sqrt[3]{\dfrac{(10)(1390)(48700)}{(9)(21800)(20500)}} + [\pi(0.606)^5]$ ---------- 58=_____

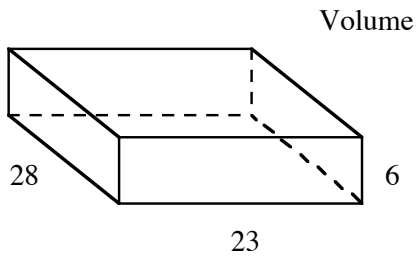
59. My dad placed one penny in an empty can on Monday. He placed two pennies in the can on Tuesday and four pennies on Wednesday. How much money will there be in the can after a week if he continues to double the amount of pennies he places in the can each day.

59= $_____

60. One inch is equal to 2.54 centimeters. Find the length of a yard stick in centimeters.

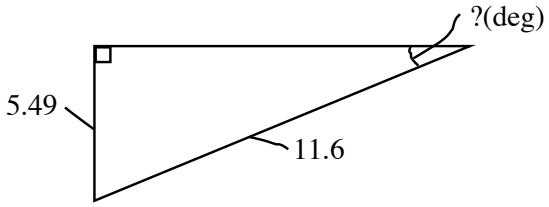
60= _____ cans (INTEGER)

61. Rectangular Box



61 =_____

62. Right Triangle



62 =_____

63. $\dfrac{3!}{(9! - 5!)}$ ---------- 63=_____

64. $\dfrac{(7.83 - 0.139)^{-3}}{(5.03 - 0.889)^{-3}(338 + 430)^{0}}$ ---------- 64=_____

65. $\dfrac{(0.00651 + 0.00120)^{-3}}{(553 - 139)^{-3}}$ ---------- 65=_____

66. (deg) $9.76\left[\sin^2(34°) + \cos^2(34°)\right]$ ---------- 66=_____

67. (deg) $[(75100)\sin(126° - 35°)]$ ---------- 67=_____

68. (deg) $\dfrac{\sin(29°)}{\cos(29°)} + \tan(29°)$ ---------- 68=_____

69. (deg) $\dfrac{\cos(15°)}{\sin(15°)}$ $[-290 + 653]$ ---------- 69=_____

70. $[-8.09 - 5.6 + 21.6]^{5/2}$ ---------- 70=_____

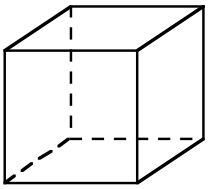
71. An extra point is worth one point. A field goal is worth three points. A touchdown is worth six points. Martin scored 125 points during the recent football season. If he scored eight touchdowns and seven field goals, how many extra points did he score ?

71= _____ (INTEGER)

72. How many hours are there in February of a leap year ?

72= _____ hours (INTEGER)

73. Cube

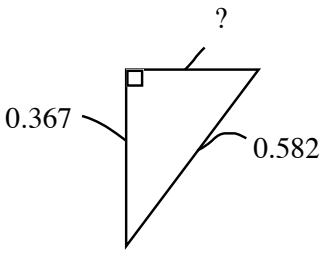


Volume = 921

?

73 =_____

74. Right Triangle



74 =_____

75. Log 2.19 + Log 35.2 + Log 190 ---------- 75=_____

76. $\frac{(1.09)^5(0.0263)^5}{(0.379 - 0.0185)^5}$ ---------- 76=_____

77. Ln [- 519 + 1028 + 113] ---------- 77=_____

78. $10^{\pi(7.35 - 2.65)}$ ---------- 78=_____

79. (deg) $\left[\frac{\sin(246°) \times \cos(13°)}{\tan(60°) \times \cos(94°)} [556 \times 620]^{1/2}\right]$ ---------- 79=_____

80. $\frac{e^{5.29}}{e^{2.09}}$ ---------- 80=_____