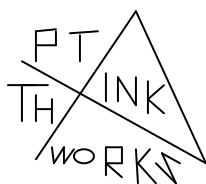


Score #1: _____	Score #2: _____	Score #3: _____	_____
S & G _____	S & G _____	S & G _____	Final Score
Grader: _____	Grader: _____	Grader: _____	
Name: _____			
School: _____			
Grade: 3 rd	4 th	5 th	



Elementary Calculator #2

2018-2019

General Directions

This test will last for 30 minutes. There are 80 problems on the test.

Write all of your answers using three significant digits.

Correct forms include: 14.5, 145, 145. , 1.45 x 10, 1.45 x 10⁷

Incorrect forms include: 14.50, 1.45(10)³, 1.450 x 10², 1.45E5, 1.45[^]5

Plus or minus one digit error in the third significant digit is OK.

For word problems, use three significant digits unless the answer blank calls for INT (which means integer) or unless the answer involves money (round to the nearest penny).

Scoring: All problems correctly answered are worth 5 points. Four points will be subtracted for all misses or skips before the last problem attempted.

ELEMENTARY CALCULATOR 2018-2019

TEST #2

1. $20192019 + 2019$ ----- 1= _____
2. $2019 - 1888$ ----- 2= _____
3. 2019×2019 ----- 3= _____
4. $45 \times 23 \times 27$ ----- 4= _____
5. $23455 - 19833$ ----- 5= _____
6. $1904 - 1907 - 1888 + 1890$ ----- 6= _____
7. $53888 - 10950$ ----- 7= _____
8. $23008 - 16 \times 34$ ----- 8= _____
9. $109 \times 108 \times 107$ ----- 9= _____
10. $(38 + 4 \times 9) \times 706 + 227$ ----- 10= _____
11. Katelyn decided to join a traveling volleyball team. She drove to Dallas three times during the winter months. If the distance from her house to Dallas is 157 miles, how many miles did she travel on the three trips? 11= _____ int.
12. Ella found the product of 4, 16, and 10. She added 25 to the result. What was her final answer? 12= _____ int.
13. On the number line, what is the distance from positive 2019 to positive 1776? 13= _____ int.

14. $20.19 + (57.7 + 1.902) + 93.8$ ----- 14= _____

15. $37.06 + 82.280 + 30.8552$ ----- 15= _____

16. $136.8 + 55.092 + 27.3309$ ----- 16= _____

17. $856[23 + (508 - 12)] + 8(17.22 + 0.4)$ ----- 17= _____

18. $209 + (67 - 12)(702 - 18 \times 9)$ ----- 18= _____

19. $3.7 \times [(2.01 \times 3.9872)]$ ----- 19= _____

20. $(44 \times 322 - 7091) \times 31$ ----- 20= _____

21. $10.0157 + 32 \times 15\frac{3}{4}$ ----- 21= _____

22. $92.9[35\frac{2}{3} + 8\frac{3}{4}]$ ----- 22= _____

23. $846 + 60.2000 - 7.4 \times 0.714$ ----- 23= _____

24. William is 22 months old and loves to run in circles. One day he ran 10 perfect circular routes around his pile of toys. If the diameter of all of the circles was five feet, how many feet long was the route that he ran?

24= _____

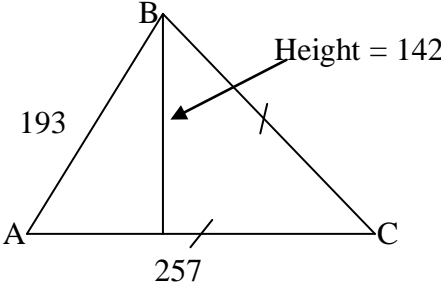
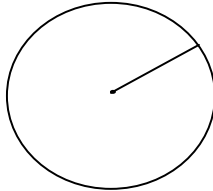
25. Lara's family is planning a trip during spring break to visit her brother in North Carolina. The distance from their home to their destination in North Carolina is 939 miles. If they average 63 miles per hour, how many hours will it take them to make the one-way trip?

25= _____

26. Rylie and Papa made a plan to paint her bedroom. Rylie estimated that she could paint the room by herself in 6 hours. Papa estimated that he could paint the room in 5 hours. How long should it take them to complete the task if they work together?

26= _____

27. $(530.19)[(624 \div 4.3) \div 0.1776](0.15 / .01)$ ----- 27=_____
28. $908(819 + 7.4) + 9^4$ ----- 28=_____
29. $76.55^2 + 53.098 + 15^2$ ----- 29=_____
30. $1492 + \frac{\sqrt[3]{8554}}{\sqrt{803}}$ ----- 30=_____
31. $9076 + 5118 \times 26 - 77531 + 312$ ----- 31=_____
32. $9076 + 5338 \times 26 - 77351 + 312$ ----- 32=_____
33. $(99^2 - 76.2) + 1558 - 29$ ----- 33=_____
34. $2022 + \sqrt[4]{883322}$ ----- 34=_____
35. On his calculator test, Bryan worked the first 67 problems.
He missed four problems and skipped three. What
was his score on the test? 35=_____ int.
36. 846^{590} ----- 36=_____

<p style="text-align: center;">ISOSCELES TRIANGLE</p>  <p style="text-align: center;">Area of triangle ABC= ?</p> <p>37=_____</p>	<p style="text-align: center;">CIRCLE</p>  <p style="text-align: center;">RADIUS = 402</p> <p style="text-align: center;">CIRCUMFERENCE =?</p> <p>38=_____</p>
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39. $78.45 + \frac{\sqrt{33.4}}{97.2} + 62^3$ ----- 39= _____

40. $(902 - 318.65) + (15.9)^3$ ----- 40= _____

41. $(2019 - 34.7) + 9815 + 14^2$ ----- 41= _____

42. $901 + 8.71^2 + \sqrt[5]{34462}$ ----- 42= _____

43. $20198 - 10662.8$ ----- 43= _____

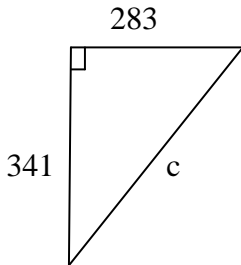
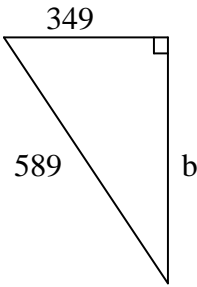
44. $55.1^3 - 803 + 4226 + 97$ ----- 44= _____

45. $3664 \div 42.7 \div 0.08$ ----- 45= _____

46. $\frac{23.4/0.49}{0.882}$ ----- 46= _____

47. Rylie calculated the circumference of a circle with a radius of 28. She decreased this result by the perimeter of a square with an area of 49. What was the final result?
----- 47= _____

48. Hailey calculated the sum of four consecutive even integers. The sum of the four integers was 2084. What was the largest of the four integers? ----- 48= _____ int.

<p style="text-align: center;">RIGHT TRIANGLE</p>  <p style="text-align: center;">Length of side c = ?</p> <p>49= _____</p>	<p style="text-align: center;">RIGHT TRIANGLE</p>  <p style="text-align: center;">Perimeter = ?</p> <p>50= _____</p>
---	--

51. $(\sqrt{3079 + 4112})^4 + 5.36^2 + 364.8$ ----- 51= _____

52. $(20! \div 18!) + 2! + 2!$ ----- 52= _____

53. $3.487^2 + (1982 \div 420)^4$ ----- 53= _____

54. $763 + (22.1 + \sqrt{6783.2})^3 + 19\pi^4$ ----- 54= _____

55. $2^3 - 2 + 2000^2 + 19$ ----- 55= _____

56. $479 - \frac{68.4}{8.09} + 96.239$ ----- 56= _____

57. $\sqrt[3]{64000} + 53 \times 908$ ----- 57= _____

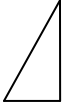
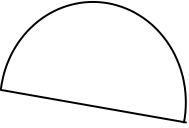
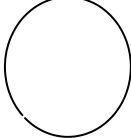
58. $(\text{deg}) \cos (56^\circ)$ ----- 58= _____

59. Nathan entered a 50 mile race at South Mountain. He began the race at 6:00 am and finished at 7:00 pm on the same day. How many miles per hour did he average in the race?

59= _____

60. Ayden decided to do extra credit work for his algebra class. He had an option to do one or all of eight math assignments. The tasks all involved quadratic equations. He began on Saturday at 7:45 am. He spent 3 hours and 30 minutes on a video project. He completed one more project at 1:12 pm and decided that he had done enough. How many minutes did he work on the second project?

60= _____

RIGHT TRIANGLE AND CIRCLE	SEMICIRCLE
 <p>25.1 = height</p> <p>base = 11.3</p>	 <p>diameter = 30.8</p>
<p>radius = 12.27</p> 	<p>Area of semicircle = ?</p>
<p>Total perimeter of both shapes = ?</p> <p>61= _____</p>	<p>62= _____</p>

63. $10! - 8! + 5!$ ----- 63= _____

64. $(\text{deg}) \sin (47.5^\circ) + 0.305$ ----- 64= _____

65. $55\pi + \sqrt{226} + 36e$ ----- 65= _____

66. $(\text{rad}) \tan (22.5) + \tan (3\pi) + 7$ ----- 66= _____

67. $32\pi + 15e + 11904(0.367)$ ----- 67= _____

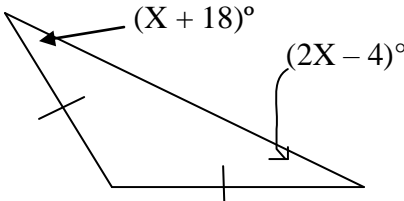
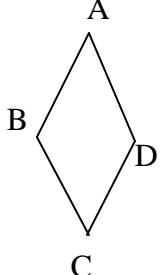
68. $(\text{deg}) \sin (83^\circ) + 2.6$ ----- 68= _____

69. $(2.71828 + 18.28)^{2.72}$ ----- 69= _____

70. $(\text{rad}) \cos (2\pi + 0.1)$ ----- 70= _____

71. Lee calculated the area of several puzzle pieces. He found the area of a rectangular piece with a length of 3 and a width of 2.34. He figured the area of a triangular piece with a base of 4 and a height of 3.75. If all of the measurements were in centimeters, what was the total area of the two puzzle pieces? ----- 71= _____

72. Point J has coordinates (32, 15) and point N is located at (20, 41). What is the length of segment \overline{JN} ? ----- 72= _____

<p style="text-align: center;">ISOSCELES TRIANGLE</p>  <p style="text-align: center;">Measure of largest angle = ?</p> <p>73= _____</p>	<p style="text-align: center;">RHOMBUS ABCD</p>  <p style="text-align: center;">Area of triangle BDC = ?</p> <p>74= _____</p>
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75. $\text{Ln}(58062)$ ----- 75= _____
76. $\text{Log}(9102)$ ----- 76= _____
77. $66^{2.72} + 63^\pi$ ----- 77= _____
78. $\text{Log}(10^{408}) + 2^3$ ----- 78= _____
79. $1952 + 1955e^2$ ----- 79= _____
80. $11 + 13 + 15 + 17 + \dots + 401 + 403 + 405$ ----- 80= _____