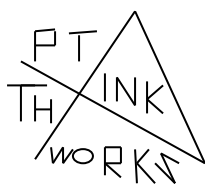


Score #1: _____	Score #2: _____	Score #3: _____	_____
S & G _____	S & G _____	S & G _____	Final Score
Grader: _____	Grader: _____	Grader: _____	
Name: _____			
School: _____			
Grade: 4 th 5 th			



Elementary Calculator #2

January 22, 2011

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. , 1.45×10 , 1.45×10^7

Incorrect forms include: 14.50, $1.45(10)^3$, 1.450×10^2 , 1.45E5

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 2010-2011

TEST #2

1. $15 + 326 + 550$ ----- 1= _____
2. $3150 - 56 - 982$ ----- 2= _____
3. $93190 + 67500 + 43257$ ----- 3= _____
4. $335 + 2(85 - 9)$ ----- 4= _____
5. $946701 - 113980 - 601334$ ----- 5= _____
6. $5651 + 8976 + 223 - 546$ ----- 6= _____
7. $34218 - 123 - 25251 + 432$ ----- 7= _____
8. $2569 - 765 \times 644$ ----- 8= _____
9. $210 \times 450 \times 675$ ----- 9= _____
10. $347 + 127 \times 93 + 578$ ----- 10= _____
11. Rylie calculated the value of her coins. They were worth \$12.75. They were all quarters. How many quarters did Rylie have? 11= _____ int.
12. Ayden has thirty coins (either nickels or dimes). Twelve of the coins are not nickels. What is the value of his dimes? 12= \$ _____
13. Bryan read 12 more books than Daryl during 2010. Daryl read 7 books in 2010. If Bryan reads 6 more books in 2011 than he did in 2010, how many books will he read in 2011? 13= _____ int.

14. $0.0577 + 2.28 + 0.0657$ ----- 14= _____
15. $432 - 8.067 + 56.00004$ ----- 15= _____
16. $0.789 + 39.900 + 67.051$ ----- 16= _____
17. $921 + (342 - 83) + 4(13 + 0.3)$ ----- 17= _____
18. $(23 - 78)(436 - 4 \times 138) + 865$ ----- 18= _____
19. $0.458 \times 67.2 \times 9.51$ ----- 19= _____
20. $32 \times 897 - 675 \times 23$ ----- 20= _____
21. $.8034 + 88 \times \frac{3}{4}$ ----- 21= _____
22. $4000 [\frac{3}{4} + \frac{3}{4}]$ ----- 22= _____
23. $0.567 + 0.098 - 75 \times 3.001$ ----- 23= _____
24. Allyson has 237 friends on her Facebook site.
She sent messages to 43 of her friends during the month
of December. How many of her friends did not receive
a message from Allyson in December? 24= _____ int.
25. Lara is a nurse who works an average of 28 hours
per week. She also sells Scentsy products and works
another 9 hours per week. How many hours can she
expect to work in 12 weeks? 25= _____
26. Nathan and Lindsey have a dog named Riggs.
If Riggs weighed 48 pounds as a 7-month old, but now
weighs 56 pounds, how much weight did she gain in
ounces during that time period? 26= _____

27. $(0.0672) [(0.001387 / 0.01387) (0.346 / 56.3)]$ ----- 27= _____

28. $\frac{82+42.6}{17.1-14.89}$ ----- 28= _____

29. $(583 - 12.3) + 92 - 7$ ----- 29= _____

30. $\frac{17 \times 23.1 + 45}{3.42 - 12}$ ----- 30= _____

31. $846 + 23 \times 57 - 24,312 + 14 \times 712$ ----- 31= _____

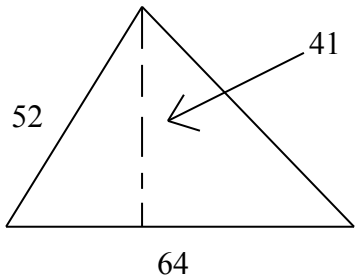
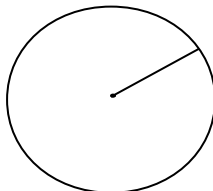
32. $846 + 23 \times 57 + 24,312 + 14 \times 712$ ----- 32= _____

33. $(592 - 621) + 492 - 89$ ----- 33= _____

34. $\frac{1/5}{5/8}$ ----- 34= _____

35. On her calculator test, Hailey stopped working after she completed problem 56. She missed 8 and skipped 2. What was her score on the test? 35= _____

36. $459^{342} =$ 36= _____

<p style="text-align: center;">TRIANGLE</p>  <p style="text-align: center;">64</p> <p style="text-align: center;">AREA = ?</p> <p>37= _____</p>	<p style="text-align: center;">CIRCLE</p>  <p style="text-align: center;">RADIUS = 248</p> <p style="text-align: center;">CIRCUMFERENCE = ?</p> <p>38= _____</p>
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39. $\frac{45.2}{8+34} + (17 + 19.8)^2$ ----- 39= _____

40. $(15.6+32)^8$ ----- 40= _____

41. $(29 - 24.5) - 67 + 789$ ----- 41= _____

42. $\sqrt{25+36}$ ----- 42= _____

43. $71,450.4 - 562$ ----- 43= _____

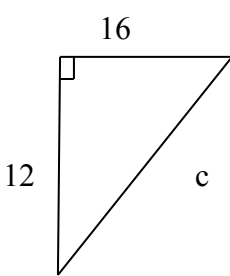
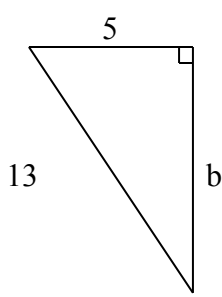
44. $31 - 56 - 14.8 - 24 - 11$ ----- 44= _____

45. $(238 + 65.1) \div (324 + 67)$ ----- 45= _____


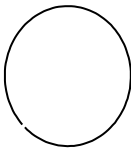

46. $\frac{1/45}{1/90}$ ----- 46= _____

47. Add the cube of 12 to the square of 58. Now increase the result by 87. Now increase this result by the square of 28. What is the result now? ----- 47= _____

48. Three consecutive positive integers (whole numbers) are added together. The sum of the three integers is 87. What is the smallest of the three integers? ----- 48= _____

<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;">Length of side b = ?</p> <p>50= _____</p>
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51. $\frac{692+126+\sqrt{492+371}}{45/15}$ ----- 51= _____
52. $\frac{(345+56-56)^4}{\sqrt{676}}$ ----- 52= _____
53. $(874 - 92.5)^2$ ----- 53= _____
54. $\sqrt{441} + (568 + 213)^2$ ----- 54= _____
55. $342 - 81 + \sqrt{484}$ ----- 55= _____
56. $821 - 43 - \sqrt{729} - 56 - 12$ ----- 56= _____
57. $\sqrt{4900} + 70$ ----- 57= _____
58. $(\text{deg}) \cos (75)$ ----- 58= _____
59. Katelyn drove her car from Dallas to Houston. She traveled 240 miles. She left Dallas at 11:00 am and arrived in Houston at 3:30 pm. What was her average speed in miles per hour? 59= _____
60. Ayden can wash his car in 45 minutes. Hailey once washed the same car in 30 minutes by herself. If they washed the car together, how many minutes should it take them to wash the car? 60= _____

<p style="text-align: center;">RECTANGLE AND CIRCLE</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 10px;">7.3 = width</div> </div> <div style="display: flex; align-items: center; justify-content: center; margin-top: 10px;"> <div style="margin-right: 10px;">length = 9.2</div>  <div style="margin-left: 10px;">radius = 4.2</div> </div> <p style="margin-top: 10px;">Total perimeter of both shapes is ??</p> <p>61= _____</p>	<p style="text-align: center;">SEMICIRCLE</p> <div style="text-align: center; margin-bottom: 10px;">  </div> <p style="text-align: center;">radius = 7.6</p> <p style="text-align: center; margin-top: 10px;">Perimeter of semicircle??</p> <p>62= _____</p>
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63. $10! + 10!$ ----- 63= _____

64. $(\text{deg}) \sin (34)$ ----- 64= _____

65. $\pi + 78 + 44.1$ ----- 65= _____

66. $(\text{deg}) \tan (98.1)$ ----- 66= _____

67. $e + 5.7 - 2.71828$ ----- 67= _____

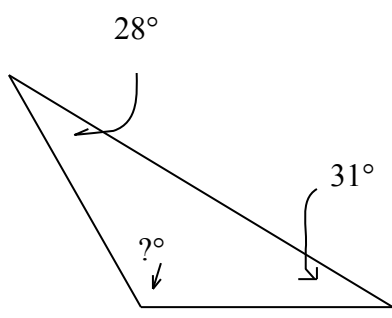
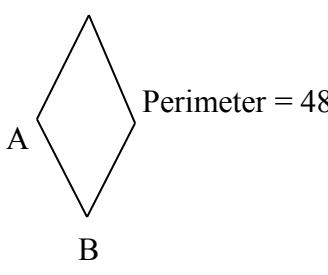
68. $(\text{deg}) \cos (54.2)$ ----- 68= _____

69. $(34.2 + 12.9)^{\frac{4}{5}}$ ----- 69= _____

70. $(\text{deg}) \cos (60)$ ----- 70= _____

71. Rylie has a bag of candy with pieces that are all the same size but are wrapped in different colors. She has 24 pieces wrapped in green paper and 16 wrapped in yellow paper. She randomly picks a piece of candy from the bag. What is the probability that she will pick a piece of candy with a green wrapper? ----- 71= _____

72. On the number line, how far is it from positive 16 to negative 77? ----- 72= _____

<p style="text-align: center;">SCALENE TRIANGLE</p>  <p style="text-align: center;">Missing angle measure ?</p> <p>73= _____</p>	<p style="text-align: center;">RHOMBUS</p>  <p style="text-align: center;">Perimeter = 48</p> <p style="text-align: center;">Length from A to B ?</p> <p>74= _____</p>
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- 75. $\text{Log}(512)$ ----- 75= _____
- 76. $\text{Ln}(1000)$ ----- 76= _____
- 77. $65^{25.8}$ ----- 77= _____
- 78. $\text{Log}(10^{354})$ ----- 78= _____
- 79. $5 + e^3$ ----- 79= _____
- 80. $1 + 2 + 3 + 4 + \dots + 36 + 37$ ----- 80= _____