Math Skills Test **FORM B2**

Multiple Choice

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1. An example of an SI unit (metric) is a
   a. Pound
   b. Feet
   c. Kilogram
   d. Gallons

2. Measurements are always uncertain because
   a. Instruments aren't precise
   b. Measurement involves some estimation.
   c. No one really know how to measure.
   d. Both a and b

3. Zeros are always considered significant digits when they
   a. Are at the end of a number that has a decimal.
   b. Occur between two non zero numbers
   c. Are before the decimal point
   d. Both a and b

Matching- Questions 4-10, Put the parts of the Scientific method in the correct order

a. Analyze Data	b. Record Data	c. Hypothesis
d. State the Problem	e. Test the Hypothesis (Experiment)	f. Conclusion
g. Gather Information		

Fill in the Blank

Give the value (the number) of the following metric prefixes

11. centi _____ 12. deci _____ 13. Hecto _____

How many significant digits are in each of the following measurements ?

14. 0.00015 _____ 15. 230 000 _____

16. 6502.0 _____ 17. 174.001 _____

Put the numbers **into** scientific notation

18. 0.00015 _____ 19. 230 000 _____

20. 6502.0 _____ 21. 174.001 _____

Expand the numbers, or take OUT of scientific notation. Give the answer

22. 1.2345×10^{-4} _____ 23. 1.2345×10^{-4} _____

Perform the calculations **and round your answer to the proper number of significant digits or decimal places**. Remember to write the units and SHOW YOUR WORK! You may use a calculatior, but show work

24. 2.0 x 2.0 x 5

25. $\frac{88}{4.0}$

26. 12.600 + 20.02 + 14.20

27. 575 – 2.5

Convert 35 kg into each of the following units, use any method.

28. 35 cg = _____ g

29. 35 km = _____ mm

30. Please tell me something you learned in this unit.

Name _____
date _____ period _____

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Multiple Choice

1. a b c d
2. a b c d
3. a b c d

Matching

4. a b c d e f g
5. a b c d e f g
6. a b c d e f g
7. a b c d e f g
8. a b c d e f g
9. a b c d e f g
10. a b c d e f g

Fill in the Blank

11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____
21. _____
22. _____
23. _____
24. _____
25. _____
26. _____
27. _____
28. _____
29. _____
30. _____

Name _____
date _____ period _____

TEST FORM B2

Multiple Choice

31. a b c d
32. a b c d
33. a b c d

Matching

34. a b c d e f g
35. a b c d e f g
36. a b c d e f g
37. a b c d e f g
38. a b c d e f g
39. a b c d e f g
40. a b c d e f g

Fill in the Blank

41. _____
42. _____
43. _____
44. _____
45. _____
46. _____
47. _____
48. _____
49. _____
50. _____
51. _____
52. _____
53. _____
54. _____
55. _____
56. _____
57. _____
58. _____
59. _____