Pre-Algebra I Can Statements

1. I can write variable expressions from word phrases.
2. I can simplify expressions using order of operations.
3. I can evaluate variable expressions.
4. I can compare numbers on a number line using opposites and absolute values.
5. I can add integers (using negatives).
6. I can subtract integers.
7. I can multiply and divide integers.
8. I can plot points and define quadrants on a coordinate plane.
9. I can define the properties of numbers and know when to use them.
10. I can use the distributive property to simplify expressions
11. I can combine like terms
12. I can solve one-step equations involving: addition, subtraction, multiplication and division.
13. I can graph inequalities with one variable
14. I can solve one-step inequalities involving: addition, subtraction, multiplication and division.
15. I can estimate by using rounding
16. I can use statistics to find measurements of mean, median and mode.
17. I can solve equations using rational numbers.
18. I can convert measurements using the metric system.
19. I can factor using divisibility rules.
20. I can use exponents to show repeated multiplication.
21. I can find the greatest common factor of composite numbers.
22. I can simplify fractions and find equivalent fractions.
23. I can use the properties of exponents to simplify expressions.
24. I can use scientific notation to write numbers as powers of 10.
25. I can compare and order rational numbers.
26. I can add and subtract fractions with unlike denominators.
27. I can multiply and divide fractions.
28. I can use the US system of measurements.

29. I can compare two quantities using ratios and unit rates.

30. I can solve proportions using cross products.

31. I can solve for missing sides in similar figures using proportions.

32. I can tell the probability of an event knowing the possible outcomes.

33. I can write numbers as percents, fractions and decimals.

34. I can use the percent equation to solve for missing values.

35. I can use proportions to solve percent problems.

36. I can solve for the percent change of a quantity.

37. I can solve markup, simple interest and discount problems.

38. I can solve two-step equations.

39. I can solve multistep equations, including variables on both sides.

40. I can solve two-step inequalities.

41. I can solve literal equations for any variable.

42. I can graph using a table of x and y-values.

43. I can solve for the slope of a line given two points or a graph.

44. I can use slope and y-intercept to graph a line.

45. I can graph using slope intercept form (y = mx + b).

46. I can write an equation of a line from a graph.

47. I can create a scatter plot from a set of data and approximate the line of best fit.

48. I can solve systems of linear equations using a graph.

49. I can find the area of a quadrilateral given the length of two sides.

50. I can find the area of a triangle or trapezoid given the height and base lengths.

51. I can find the area of a circle given the radius or diameter.

52. I can find the surface area or volume of a prism or cylinder.

53. I can create tables, line plots, histograms or box-and-whisker plots given a data set.