Reading Charts and Graphs:

-- "Tables", where you have lots of information arrayed in rows and columns
-- "Line charts", where you have lines, and compare whether they are generally going up or down. "Scatter plots", which are very disorganized line charts.
-- "Bar Charts" / "Histograms", two types of chart that compare the lengths of rectangles
-- "Pie charts", which cut up a whole circle into pieces, and you compare the size of the slices
-- I do not want to write this. Maybe it should take the form of an example of each chart type, and then a number of questions about the data on that chart, and the answers to those questions? Like a sample page.

Factoring, prime factoring, factoring quadratics

-- Part 1: Prime factorization, divisors, greatest common divisor, least common multiple ... BRIEFLY handle factorization of negative numbers ("factor as if they were positive, but you can make any factor negative if that is useful", explanation of -1 squared / 1 and -1 are units).
-- Part 2: How to factor quadratics with initial scalars of 1, and ones with variable initial scalars. Include a formula sheet with various common forms this can take. Emphasis on learning the method, not the memorization.

Exponents 2

(misc algebra warbling goes here)
(square roots? fractional powers? negative powers?)

Formulas, Variables, and Substitution

-- Write part 1 for someone who cannot plug a number into a formula with one variable.
-- Write part 2 for someone who cannot solve a formula to get the other variable
-- Write part 3 for someone who cannot plug variables into other variables

Slope-intercept form, points on lines, parabolas

-- Plug points into a formula, find intersection of two lines, shape of lines, parabolas, and etc.

More as it develops.