Red Belt
Home Exercises
Wednesday February 2, 2006

Reading Assignment:

Homework for this week will cover several subjects from books 2A and 2B, including solving quadratic equations (2A, CH. 8), solving simultaneous equations by graphing (2B, CH.11), graphing quadratics (2B, CH 12), and introducing yourself to the Pythagorean Theorem for right triangles: $c^2 = a^2 + b^2$ (2B, CH. 14).

Homework Assignment

NOTE: Because we plan to try to add an extra meeting for the Red Belts on Wednesday March 1, you will only have one week for this homework – so it would be good to get started on it soon.

1. **Solving simultaneous linear equations by graphing.** 2B, CH. 11, p.45-46, 18a,b.

2. **Solving quadratic equations by factoring.** 2A, CH. 8, p.151-159, 1ac, 2aceg, 3ab, 4abeg, 5ab, 9ad, 11

3. **Graphing quadratic equations.** 2B, CH. 12, p.72-73, 1, 2a.

4. **Pythagorean theorem.** 2B, CH. 14, p.150-154, begin to introduce yourself to this material by doing the worked examples.