

Word Problems (In-Class 2) - for every problem you need to define a variable, write an equation that represents the problem, and then solve the equation to answer the question.

A cell phone plan costs \$39.95 per month. The first 500 minutes of usage are included in that cost. Each minute thereafter costs \$0.35. For a bill of \$69.70, how many minutes over 500 was the cell phone in use?

A gardener is planning a rectangular garden area in a community garden. His garden will be next to an existing 12 foot fence. The gardener has a total of 44 feet of fencing to build the other three sides of his garden. How long will the garden be if the width is 12 feet?

You can buy used in-line skates from your friend for \$40, or you can rent some. Either way, you must rent safety equipment. How many hours must you skate for the cost of renting and buying skates to be the same?

SKATE RENTALS

In-line skates and safety
equipment \$3.50/hour

Safety equipment \$1.50/hour

A company manufactures tote bags. The company spends \$1200 each day for overhead expenses plus \$9 per tote bag for labor and materials. The tote bags sell for \$25 each. How many tote bags must the company sell each day to equal its daily costs for overhead, labor, and materials?