

Handout 1-Word problems.

Name: \_\_\_\_\_

Answer all questions on a separate piece of paper:

1. Jenna went shopping for a new pair of shoes. She found some really cool sneakers for \$30 so she bought a pair. She also found some sandals on sale for \$8 each so she decided to get a few pairs. If her total was \$54, how many pairs of sandals did she buy?
2. Dan wanted to get a new cell phone. The cell phone company charges \$99 for the phone and \$0.35 per minute for airtime. If Dan's first bill (which included the cost of the phone) was \$141 dollars, how many minutes did Dan use in the first month?
3. Sienna took her friends to play mini golf. It costs \$4.50 for each person to play. Sienna paid \$31.50 for her and her friends. How many friends did she take?
4. A rectangle has width 1.2cm and perimeter 9.8cm.
  - a) Write an equation that can be used to determine the length.
  - b) Solve the equation.



5. Sarah and Thomas want to buy a \$195 portable iPod Touch player. Sarah has \$45 and saves \$15 per week. Thomas has \$70 and saves \$12.50 per week. Who will be able to buy the iPod Touch player first? Solve using a linear equation.