Algebra 1 ECA Remediation Homework 20.2

1. Several students decide to start a T-shirt company. After initial expenses of \$375, they purchase each T-shirt wholesale for \$4.25. They sell each T-shirt for \$15.00. How many T-shirts must they sell to break even?

2. Suppose you are starting an office-cleaning service. You have spent \$317 on equipment. To clean an office, you use \$5.30 worth of supplies. You charge \$22.50 per office. How many offices must you clean to break even?

3. Suppose you invest \$800 in equipment to put pictures on T-shirts. You buy each T-shirt for \$5.50. After you have placed the picture on a shirt, you sell it for \$21.50. How many T-shirts must you sell to break even?

Answers to Homework 20.2

 1. 35 t-shirts
 2. 19 offices
 3. 50 t-shirts