Algebra 1 ECA Remediation Name _____

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?