Be an Investigator

Description of Investigation and Student Report

You have been chosen to enter a quiz show, and you need to practice for the kinds of questions that will be asked. Give answers to each of the questions below.

Information

**Question 1:**
4  3  5  2
Arrange these digits into a three-digit number and a one-digit number so that their product is the greatest possible product.

**Question 2:**
9  3  5  2
Arrange these digits into a three-digit number and a one-digit number so that their product is the least possible product.

**Question 3:**
4  1  3  9
Arrange these digits into a three-digit number and a one-digit number so that their product is between 400 and 450.
Here are the answers to the practice quiz show questions.

**Question 1:**  ____ × ____ = ______

**Question 2:**  ____ × ____ = ______

**Question 3:**  ____ × ____ = ______