

**Special Equation Types Remediation**

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

**Directions:** For each scenario, define a variable, create an expression, and then answer the following questions:

1. Admission for groups of students to Ocean World is \$330 for the first twenty students. Each student after that must pay \$11.50.

Variable: \_\_\_\_\_ Expression: \_\_\_\_\_

a. If 45 students go to Ocean World, what will the total cost be?

b. If the total cost was \$445, how many students attended the trip?

James is going to join a gym which charges him \$89 for the first four months and then \$26 for each additional month after that.

Variable: \_\_\_\_\_ Expression: \_\_\_\_\_

a. If James pays \$401, how many months has James been attending the gym?

b. If James keeps his membership for 2 years, how much will he pay?