Name_____ Date_____

Rock Collections Rock!

Directions: Read the following scenario.

Three friends meet to share their rock collections:

- Sarah has two rocks.
- Camilla has three times as many rocks at Sarah.
- Zachary has four times as many rocks as Camilla

Rock Collection Challenge: Part 1

Answer the following questions:

1. Find the number of rocks that each child collected. Show your work.

2. How many rocks did the children collect altogether? Show your work.

3. Draw a bar diagram to show how many rocks Zachary and Camilla have together.

4. Show Zachary's total using repeated addition.

Rock Collection Challenge: Part 2

Each child painted three rocks and sold them at a craft show. Answer the following questions:

1. How many rocks did the children sell altogether? Write a multiplication equation to help you.

2. Each rock sells for $5.00. How much money did they make altogether? Draw a bar diagram to help you.