

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

Date: \_\_\_\_\_

# ***X-TREME* Geometry**

## **Intense Right Triangles!**

### Calculations Worksheet

Instructions: For each of the runs, fill in for items a, b and c. Draw a sketch of the right triangle to represent the run down the mountain. Label each side and angle.

Calculate for the following for each run you investigate being sure to show your work:

1. Length of the base
2. The measure of all angles

***Ski Run #1*** Location \_\_\_\_\_

a. Elevation at top of the run \_\_\_\_\_

b. Elevation at the bottom of the run \_\_\_\_\_

c. Length of the run \_\_\_\_\_

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***Ski Run #2*** Location \_\_\_\_\_

a. Elevation at top of the run \_\_\_\_\_

b. Elevation at the bottom of the run \_\_\_\_\_

c. Length of the run \_\_\_\_\_