

Name: _____

Date: _____

Period: _____

Washington

Applied Math Unit 6 Labe 2

Activity 2 Angle of Stairs

Material:

1. Protractor
2. Plumb Bob Plumb Line
3. String level
4. Masking Tape
5. Tape measure
6. String

Directions:

1. Obtain the required material.
2. Get a test book and turn to page 30 Activity 2 Angle of Stairs.
3. Perform steps a and b and record the angle in the space provided below. Repeat this step three times using different team members at the various positions.
 - a. First measurement _____
 - b. Second Measurement _____
 - c. Third measurement _____
4. Average the three angles and record the average. _____
5. Perform step C. However, only do it once.
 - a. Measured Handrail angle. _____
 - b. Based on your measurement is the handrail parallel with the stairs? Circle your answer (Yes/No)
 - c. Why: _____
6. Perform step 5 on page 32.
 - a. What is the new angle? _____
 - b. Does your result make sense? Why or why not?

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