## Trig Word Problem Practice

## Your Score:

Directions: Carefully read and illustrate each word problem, then use sin, cosine and tangent or their inverse to find the missing side length or angle. Your response should be written as a full sentence.


| 5. A 5ft shovel is leaning <br> onto a fence. The handle <br> of the shovel makes a $37^{\circ}$ <br> angle with the fence. How <br> far up the fence does the <br> ladder reach? |  |  |
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