Pre-Calc/Trig Quiz 2

Level 2

Evaluate.

Level 3

Simplify and state the Domain.

Level 4

6. The height y (in feet) of a baseball where x is the horizontal distance from where the ball is thrown. Will the ball fly over the head of another child 30 feet away trying to catch the ball? (Assume the child who is trying to catch the ball holds a glove at a height of 5 feet.) *Justify your answer with proof.*