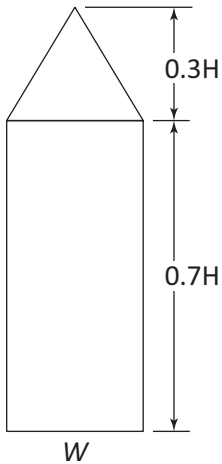


Quiz A: HSG.GMD.A.3

1. A square pyramid has a height of 50 feet and a volume of 20,000 cubic feet. What is the length of each side of the base?
 - A. 11.5 feet
 - B. 20.0 feet
 - C. 24.0 feet
 - D. 34.6 feet
2. A monument has height H and base width W . The bottom 70% of the height is a square prism while the top 30% of the height is a square pyramid, as shown in the figure. What is the volume of the monument, expressed in terms of H and W ?



- A. $(0.70)HW^2$
- B. $(0.80)HW^2$
- C. $(0.85)HW^2$
- D. $(1.00)HW^2$

