Cyberchase
Sumchallenge Shadow Math How can you use shadows to estimate the
height of something very tall? Try this. Directions Find someone whose height measures closest to the nearest foot. Name of person
 feet (to the nearest foot) Outside on a sunny day, cut a piece of string to the same length as this person's shadow. (Measure from the person's feet to the top of the shadow's head.)
 3 The tall object whose height you want to estimate is: 4 Use the string from step 2 to measure, end
 over end, how many lengths fit into the shadow of this object. Write that number here: Multiply the answer to step 1 times the answer to step 4. Write your equation:
 The answer to step 5 is the approximate height of the tall object. The tall object is about feet tall!
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