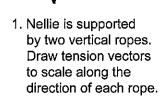
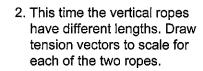
CONCEPTUAL PRUSICS PRACTICE PAGE

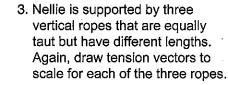
Chapter 2 Newton's First Law of Motion—Inertia Vectors and Equilibrium



Nellie Newton dangles from a vertical rope in equilibrium: $\Sigma F = 0$. The tension in the rope (upward vector) has the same magnitude as the downward pull of gravity (downward vector).







4. We see that tension in a rope is [dependent on] [independent of] the length of the rope.

So the length of a vector representing rope tension is [dependent on] [independent of] the length of the rope.

Rope tension does depend on the angle the rope makes with the vertical, as Practice Pages for Chapter 5 will show!

CONCEPTUAL PHYSICS PRACTICE PAGE

I'd rather hang out with friends who have reasonable doubts than ones who are absolutely certain about everything.

