

Pythagorean Theorem Application lesson

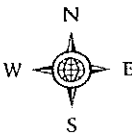
1. At the beach there is a square canopy tent. It measures 8 feet tall. We anchor it to the ground with a 15 feet rope at each corner to make sure the wind doesn't blow it away. How far is the rope from the base of the tent?

Draw it	Solve it
Explain your answer:	

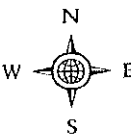
2. I have a TV. It is a 50" TV (that means it measures 50" DIAGONALLY). If my TV has a length of 45" what is the width of my TV?

Draw it	Solve it
Explain your answer:	

3. I drove 2 miles east to Alex's house. Then I drove 15 miles south to soccer practice. If I was superman and could fly directly home from the soccer field how far away would it be?

<p>Draw it out:</p> 	<p>Solve it</p>
<p>Explain your answer:</p>	

4. Johnny took a bus 220 miles south to Fort Lauderdale and then 60 miles west to Naples. He flew home. How many miles did he fly home?

<p>Draw it out:</p> 	<p>Solve it</p>
<p>Explain your answer:</p>	