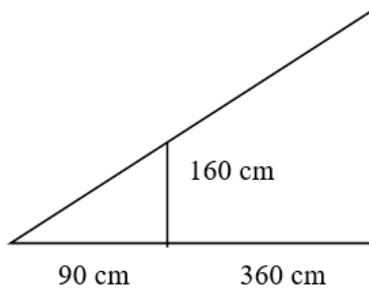
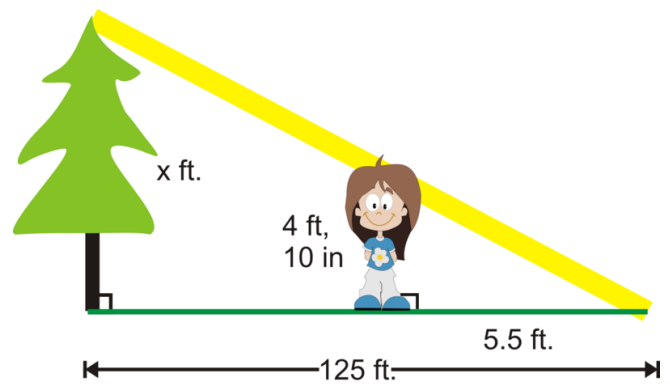


A girl 160 cm tall, stands 360 cm from a lamp post at night. Her shadow from the light is 90 cm long. How high is the lamp post?

Given: Triangles in the diagram are similar



Given that the triangles in the diagram to the right are similar, find the height of the tree ( $x$ ).



A statue, honoring Kobe Bryant, can be found in Los Angeles near the Staples Center. Use the information below to determine the unknown height of the statue.

Given: Triangles in the diagram are similar

