

Classwork 12
Precalculus MTH 130
Instructor: Abhijit Champanerkar

Name: _____

1. Solve the right triangle $\triangle ABC$ with $\angle C = \pi/2$, $\angle A = \pi/4$ and $|BC| = 16$. Draw a picture. \square

2. A 20-ft ladder leans against a building so that the base of the ladder is 6-ft from the base of the building. What is the angle of elevation of the ladder ? How high does the ladder reach on the building ? Draw pictures. \square