

Practice for Section 1.1

The following problems will help you practice the material you learned today. Once you are finished check your solutions. Once done, you can work on your WeBWoRk homework.

Pythagorean Theorem	Given a right triangle with the length of the hypotenuse 12 cm and a leg 7 cm, determine the length of the other leg.
Distance	Determine the distance between these points: (-5,12) and (5, -18)
Midpoint	Determine the midpoint of the segment with endpoints (-5,12) and (5, -18)
Word problem	In a city set out on a grid (N,S,E,W) with each unit a block, a helicopter takes off from the intersection of 2 E and 5 N and flies to the hospital at 5 W and 10 S. How far does he fly ? (Each block is 0.1 mile)