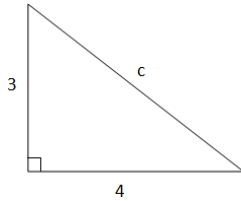


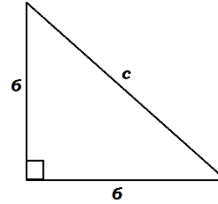
Math 8 Unit 1 – Hand in #2

1. What is the measure of the missing length to the nearest tenth?

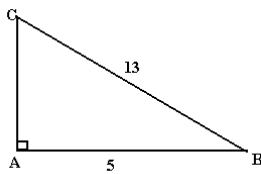
a)



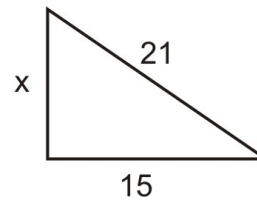
b)



c)

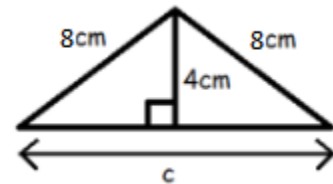


d)

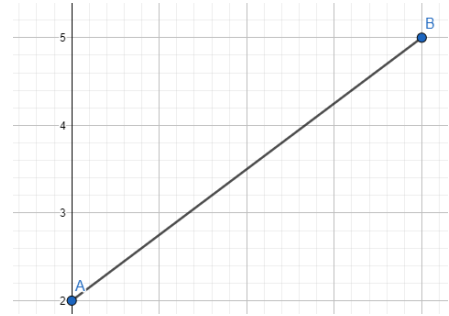


2. The hypotenuse of a right triangle is 14.0 cm and the base of the triangle is 8.0 cm. What is the height of the triangle to the nearest hundredth?

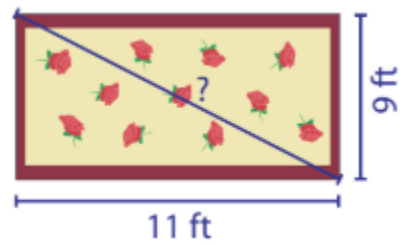
3. Using the congruent triangles below find the length of side c to the nearest tenth.



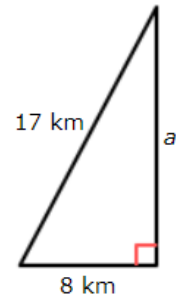
4. Find the distance from point (0,2) to point (4,5) to the nearest hundredth.



5. Rachel bought a rug for her apartment. The rug is 11 feet long and 9 feet wide. Find the diagonal length of the rug to the nearest tenth.



6. What is the perimeter of the triangle with hypotenuse 17km and base 8km?



7. The right triangle below has a square attached to its hypotenuse. What is the perimeter of the triangle? Give your answer to the nearest tenth of a centimeter.

