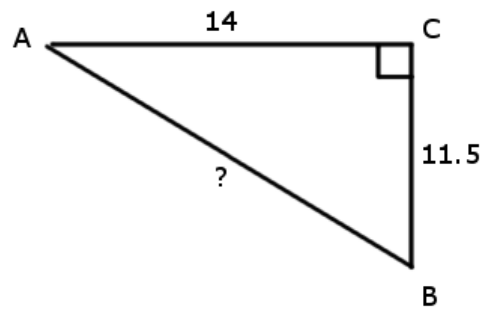1. Given the right triangle below, determine the distance of line segment $\overline{AB}$
   Round your final answer to the nearest tenth.
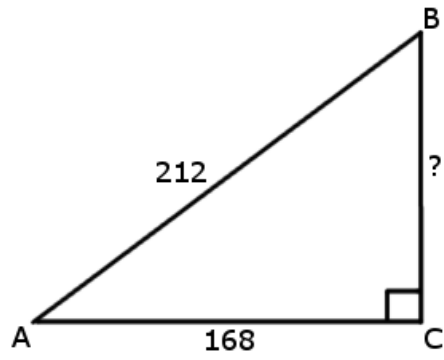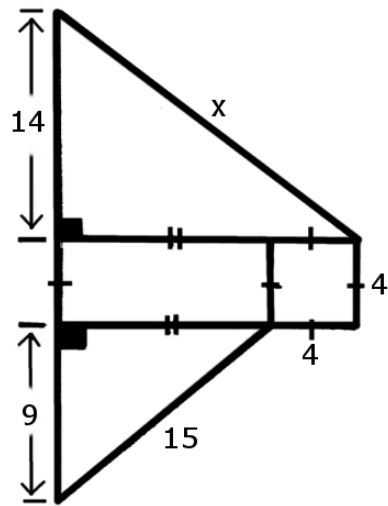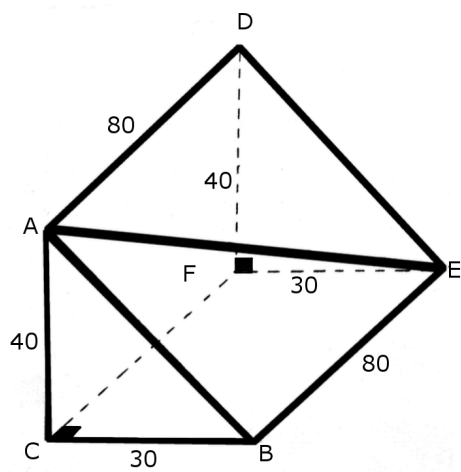
A — 14 — C

11.5 (side CB)

? (side AB)

B

2. Given the right triangle below, determine the distance of line segment $\overline{BC}$
   Round your final answer to the nearest tenth.

3. Given the complex shape below, determine the value of 'x'
   Round your final answer to the nearest tenth.

4. Given the right triangular prism below, determine the distance of line segment $\overline{AE}$ Round your final answer to the nearest integer.

D

80

40

A

F   ■   30   E

40

80

C   30   B

5. Max is attaching a cable from point A to B, by going along the top of three different posts.
The cable is 50 m long.
What is the distance along the ground from point A to point B?
Round your answer to the nearest tenth of a meter.

5m 4m 15 m 9 m 15 m A B 9 m

AB = ?