

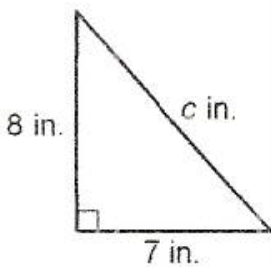
1.) Determine whether the side lengths below form a right triangle:

10 yd, 15 yd, 20 yd

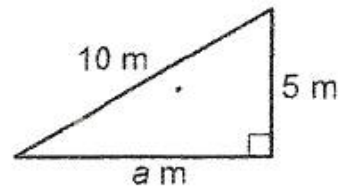
2.) Determine whether the side lengths below form a right triangle:

21 in, 35 in, 28 in

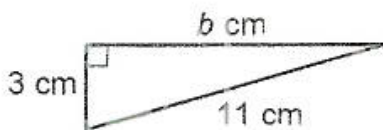
3.) Find the length of the missing side. Round to the nearest tenth if necessary.



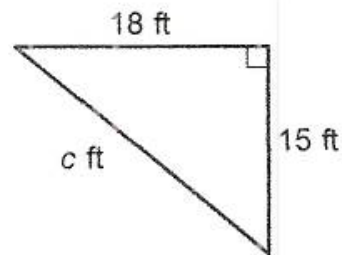
4.) Find the length of the missing side. Round to the nearest tenth if necessary.



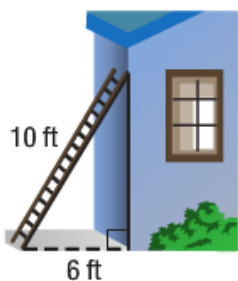
5.) Find the length of the missing side. Round to the nearest tenth if necessary.



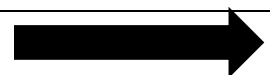
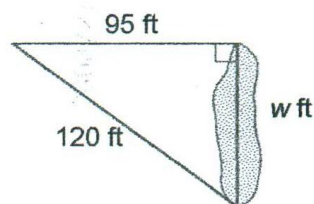
6.) Find the length of the missing side. Round to the nearest tenth if necessary.



7.) The base of a ten-foot ladder stands six feet from a house. How many feet up the side of the house does the ladder reach?

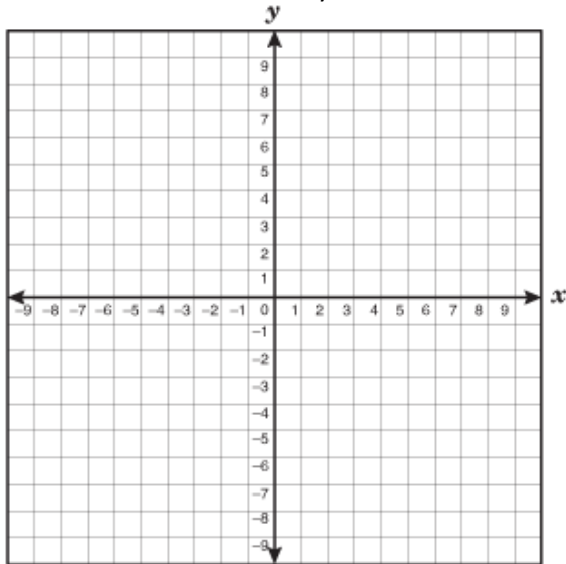


8.) How wide is the pond? Round to the nearest tenth if necessary.



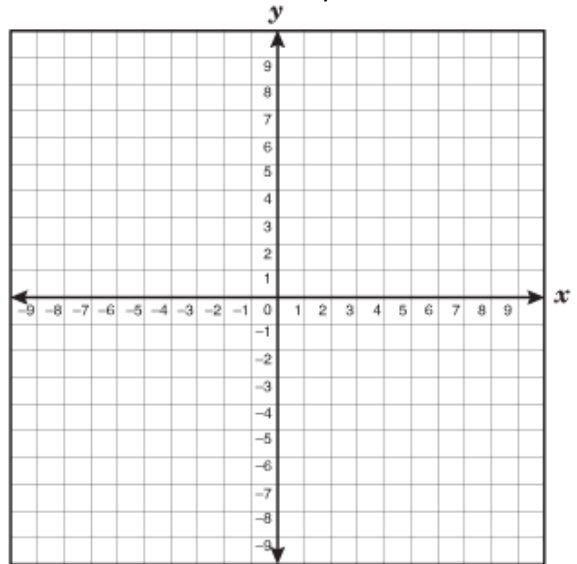
9.)

Graph $(-3, 4)$ and $(1, 3)$. Then use the Pythagorean Theorem to find the distance between the points. Round to the nearest tenth if necessary.



10.)

Graph $(-5, 1)$ and $(2, 4)$. Then use the Pythagorean Theorem to find the distance between the points. Round to the nearest tenth if necessary.



11.)

Use the distance formula to find the distance between $(-5, 6)$ and $(8, -4)$. Round to the nearest tenth if necessary.

12.)

Use the distance formula to find the distance between $(1, 7)$ and $(-2, -4)$. Round to the nearest tenth if necessary.

