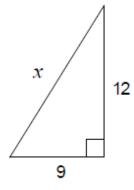
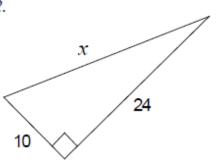
## **Pythagorean Theorem**

Calculate the measure of x in each. Where necessary, round you answer correct to one decimal place. Complete on a separate piece of paper.

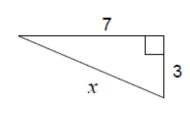
1.



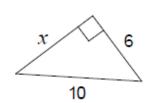
2.



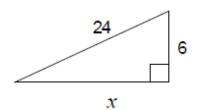
3.



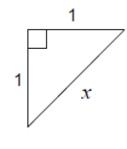
4.



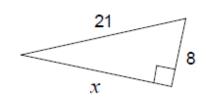
5.



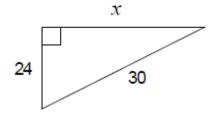
6.



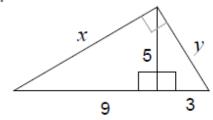
7.



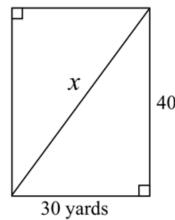
8.



9.



10. What is the length of the diagonal?



40 yards

11. What is the length of  $\overline{bd}$ ?

