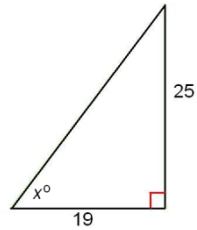
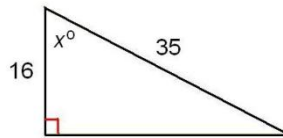


DIRECTIONS: Use the sine (sin), cosine (cos), and tangent (tan) ratios to solve for x in the following right triangles. Round your answers to the nearest tenth (one decimal place). Show all work.

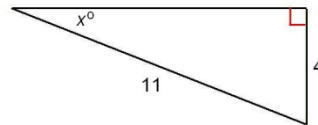
1. $x = 52.8$



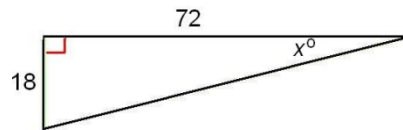
2. $x = 62.8$



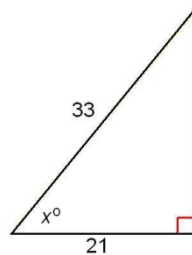
3. $x = 21.3$



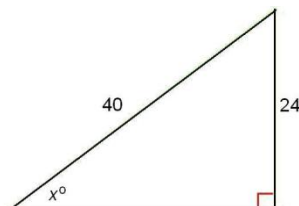
4. $x = 14.0$



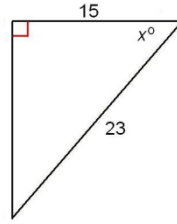
5. $x = 50.5$ (from 50.47)



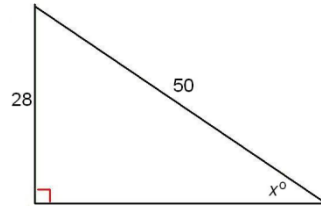
6. $x = 36.9$



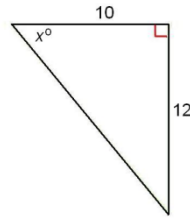
7. $x = 49.3$



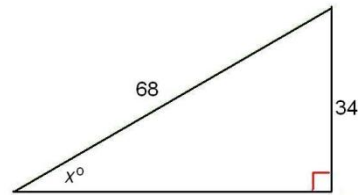
8. $x = 34.1$



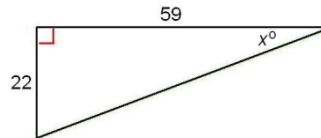
9. $x = 50.2$



10. $x = 30$ (exactly)



11. $x = 20.4$



12. $x = 12.1$

