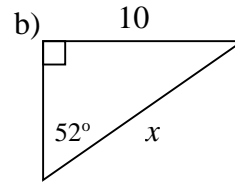
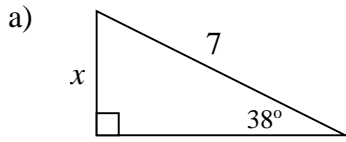
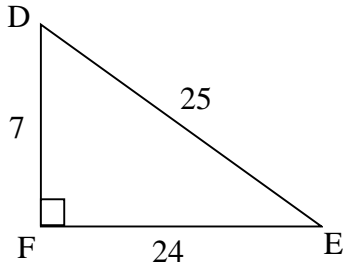


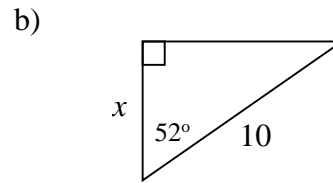
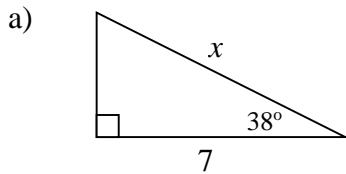
8. Calculate x to the nearest *tenth*.



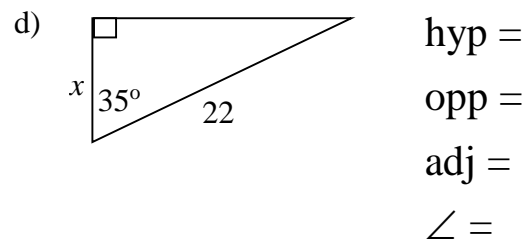
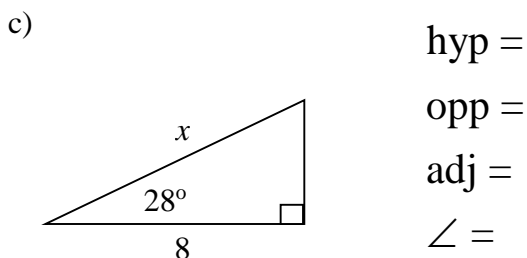
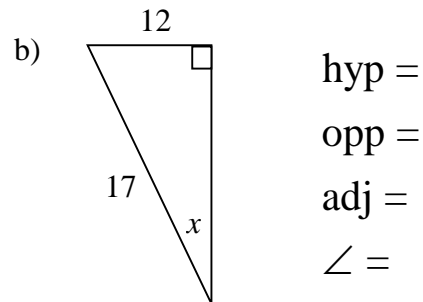
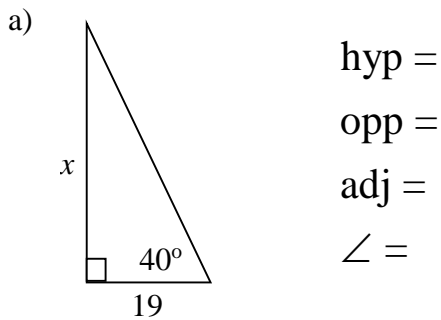
9. Calculate $\cos D$, $\angle D$, $\cos E$ and $\angle E$. Round each angle measure to the nearest *tenth*.



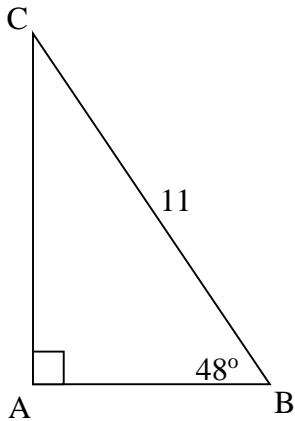
10. Calculate x to the nearest *tenth*.



11. Solve for x . Use **SOH/CAH/TOA** to help you find the missing value. Round each angle measure or side length to the nearest *tenth*.



12. Solve the triangle below. Round each answer to the nearest *tenth*.



13. An 8 foot ladder makes an angle of 23° with the ground. How high up the wall does the ladder reach?
HINT: Draw a diagram.

14. When a 46 foot tall radio antenna casts a 20 foot long shadow, what is the angle of elevation of the sun?
HINT: Draw a diagram.