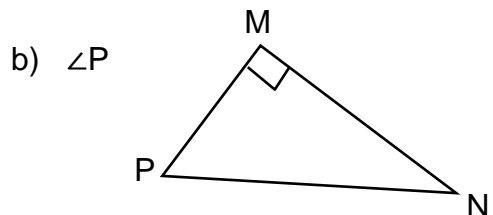
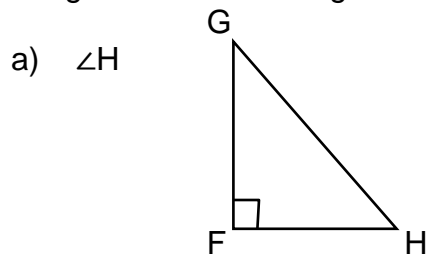
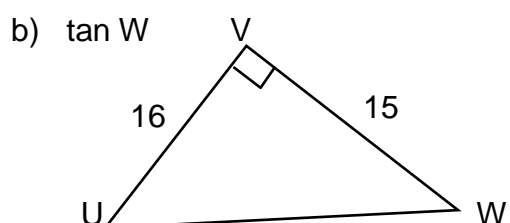
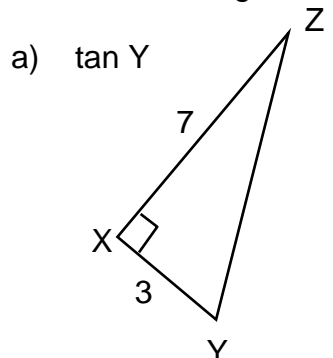


1. Label the hypotenuse, opposite and adjacent sides for each right triangle using the given reference angle.



2. Find the tangent ratio in fraction form.

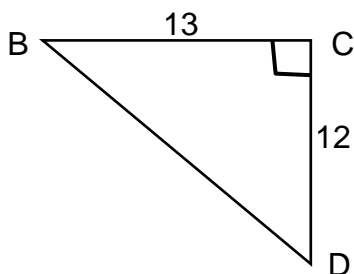


3. Find the measure of $\angle A$.

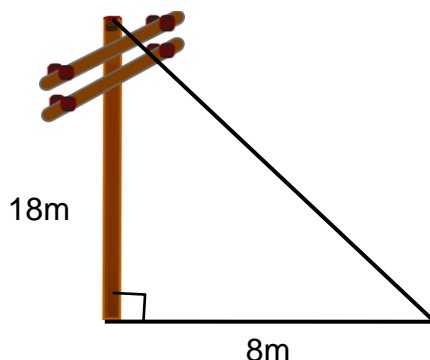
a) $\tan A = 0.5$

b) $\tan A = \frac{5}{6}$

4. Find the measure of $\angle B$ to the nearest degree.



5. A telephone pole is supported by a wire. What angle, to the nearest degree, does the wire make with the ground?



6. Victor is building a wheelchair ramp to an entranceway that is 3m above the sidewalk. The ramp will cover a horizontal distance of 50m. What angle, to the nearest degree, will the ramp make with the ground?