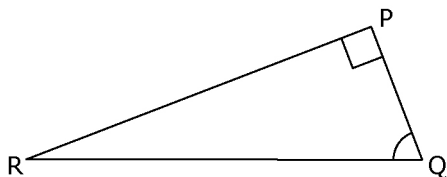


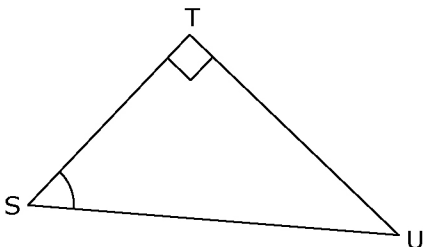
## Section 7.2 Extra Practice

1. Label the hypotenuse, adjacent side, and opposite side for the indicated angle of each triangle.

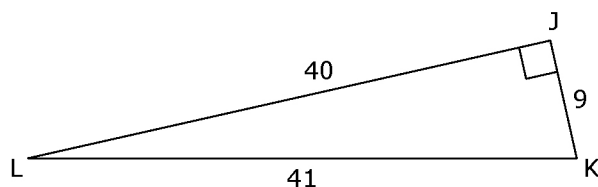
a)



b)



2. Write each tangent ratio.



a)  $\tan K$

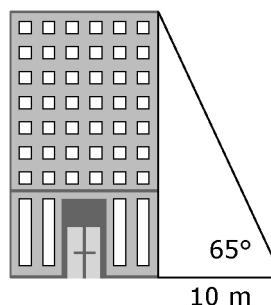
b)  $\tan L$

3. Sketch and label a right triangle to show each tangent ratio.

a)  $\tan M = \frac{3}{4}$

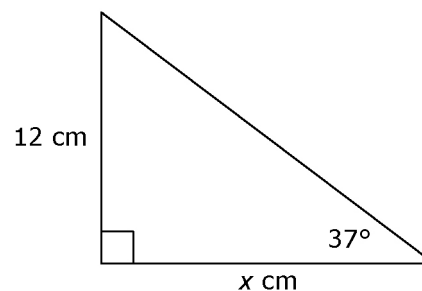
b)  $\tan N = \frac{12}{5}$

4. How high is the building, to the nearest metre?

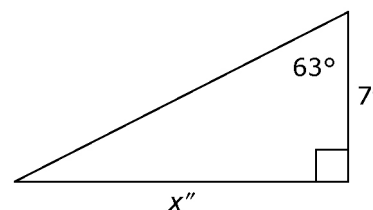


5. Determine the length of  $x$ , to the nearest unit.

a)



b)



6. a) Sketch a right triangle PQR. Angle Q is a right angle. Angle R is  $28^\circ$ . The length of the side adjacent to angle R is 6".
- b) What is the length of the side opposite to angle R, to the nearest tenth of an inch?

