

On this page there are four pairs of similar right angled triangles. Find the pairs.

For each triangle measure the length of the opposite side, the adjacent side and the hypotenuse in millimeters. (The angle is shown)

For each triangle in a pair calculate $\text{opposite} \div \text{hypotenuse}$ (sine), $\text{adjacent} \div \text{hypotenuse}$ (cosine), and $\text{opposite} \div \text{adjacent}$ (tangent).

Are these fractions the same for triangles that are similar?

