

Matching Station

Match the pairs that are equivalent.

The first match was made for you.

$\sin 40^\circ$	$\sin 11^\circ$	$\sin 53^\circ$	$\sin 30^\circ$	$\cos 30^\circ$
$\cos 37^\circ$	$\cos 53^\circ$	$\cos 79^\circ$	$\cos 45^\circ$	
$\sin 37^\circ$	$\sin 45^\circ$	$\sin 60^\circ$		
	$\sin 79^\circ$	$\cos 60^\circ$		
		$\cos 50^\circ$		

Note: A hand-drawn line connects $\sin 40^\circ$ to $\cos 50^\circ$.

Which one didn't have a match? _____

In each set of three, which triangle is NOT similar to the others?

How do you know the other two are similar? (AA, SSS, or SAS)

Similar by

Similar by

Similar by

Note: Some problems might require a little extra work (Pythagorean Theorem, trig, etc.)