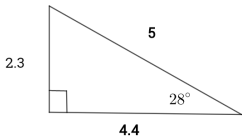
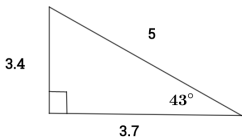


## Math 155 - Trigonometry Intro

Use the triangle below to find  $\sin(28^\circ)$ ,  $\cos(28^\circ)$ , and  $\tan(28^\circ)$

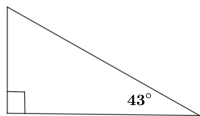


Use the triangle below to find  $\sin(43^\circ)$ ,  $\cos(43^\circ)$ , and  $\tan(43^\circ)$



## Math 155 - Trigonometry Intro

Find  $\sin(43^\circ)$ ,  $\cos(43^\circ)$ , and  $\tan(43^\circ)$



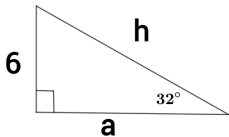
Notice that sine, cosine, and tangent are known for all right triangles with a given angle, and depends only on the angle.

Because of this, these values can be found with our calculators depending on just the angle.

## Math 155 - Trigonometry Intro

Find  $\sin(32^\circ)$

What is  $\sin(32^\circ)$  based on the triangle below?



Use the last two problems to find  $h$ .

Use  $\tan(32^\circ)$  to find  $a$  the same way.