

### 6 Trigonometric Functions

|                     |                     |
|---------------------|---------------------|
| $\sin \angle = o/h$ | $\csc \angle = h/o$ |
| $\tan \angle = o/a$ | $\cot \angle = a/o$ |
| $\cos \angle = a/h$ | $\sec \angle = h/a$ |

### General Definitions of the 6 Trig Functions

|                     |                     |
|---------------------|---------------------|
| $\sin \angle = y/r$ | $\csc \angle = r/y$ |
| $\cos \angle = x/r$ | $\sec \angle = r/x$ |
| $\tan \angle = y/x$ | $\cot \angle = x/y$ |

### Unit Circle

