TRIG VALUES OF SPECIAL ANGLES

A reference angle is an acute angle (less than  )

To find the reference angle:

* determine the Quadrant the angle is in
* use the chart below to convert the angle to an acute angle
* if angle is greater than  , start by subtracting , until the resulting angle is less than 
* if angle is negative, add  until the resulting angle is positive

To determine if the answer should be positive or negative, use one of the tables below

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| --- |
|  |
|  |  |

CLASS EXAMPLES

Find the reference angle for each of the following:

|  |  |  |  |
| --- | --- | --- | --- |
| 1.
 | 1.
 | 1.
 | 1.
 |
| 1.
 | 1.
 | 1.
 | 1.
 |

Find the 6 trig ratios for each of the following angles.

(If you are asked to find the 6 trig ratios, the reference angle will be one of the angles on your note card.)

|  |
| --- |
| 1.
 |
| 1.
 |
| 1.
 |
| 1.
 |
| 1.
 |
| 1.
 |
| 1.
 |