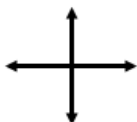
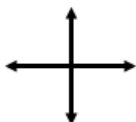
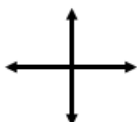
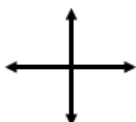


I. Evaluating Trigonometric Functions *without* a calculator.

- Make a sketch of θ to determine which _____ the terminal side of θ lie.
- The _____ will determine whether the value (ratio) is positive or negative.
- Determine the _____ angle of θ .
- *Trig Value of $\theta = (+or-)$ Trig Value of θ'*

Evaluate **without** the calculator. Answer in exact value.

1. $\cos 240^\circ$		$\theta' =$	2. $\csc \frac{3}{4}\pi$		$\theta' =$
3. $\tan(-390^\circ)$		$\theta' =$	4. $\sin \frac{5}{3}\pi$		$\theta' =$

II. Evaluating Trigonometric Functions *with* the calculator.

- Make sure the calculator is set to the correct _____.
- To find the reciprocal functions of $\sin \theta$, $\cos \theta$ or $\tan \theta$, rewrite

_____ θ as $\frac{1}{\sin \theta}$, $\sec \theta$ as $\frac{1}{\cos \theta}$ and _____ θ as $\frac{1}{\tan \theta}$

BEFORE entering the function into the calculator.

- Remember the input of the function is the _____ and the _____ is the ratio of the sides of the right triangle.
- **DO NOT** use the inverse trig functions (\sin^{-1} , \cos^{-1} or \tan^{-1}) to evaluate these reciprocal functions.

Evaluate. Round to 3 decimal places.

1. $\tan \frac{2}{7}$	2. $\sec 115^\circ$	3. $\cot \left(-\frac{\pi}{10}\right)$	4. $\sin 0.897$
mode: _____	mode: _____	mode: _____	mode: _____
enter: _____	enter: _____	enter: _____	enter: _____
ans: _____	ans: _____	ans: _____	ans: _____