



Name

Class No.

Find the following trigonometric function

1. $\cos 135^\circ 20'$ $\approx \cos(180^\circ - \dots^\circ \dots')$

$\approx -\cos \dots^\circ \dots'$

$\approx$

Quadrant

2. $\sin 98^\circ 50'$ $\approx \sin(180^\circ - \dots^\circ \dots')$

$\approx +\sin \dots^\circ \dots'$

$\approx$

Quadrant

3. $\cos 241^\circ 30'$ $\approx \cos(\dots^\circ \dots^\circ \dots')$

$\approx \dots \cos \dots^\circ \dots'$

$\approx$

Quadrant

4. $\tan 296^\circ 40'$ $\approx \tan(\dots^\circ \dots^\circ \dots')$

$\approx \dots \tan \dots^\circ \dots'$

$\approx$

Quadrant

5. $\sec 314^\circ 50'$ $\approx \sec(\dots^\circ \dots^\circ \dots')$

$\approx \dots \sec \dots^\circ \dots'$

$\approx$

Quadrant

Find the following trigonometric function

$$1. \cos 71^{\circ}35' \approx \frac{\quad + \quad}{2}$$

$$\approx \boxed{}$$

$$2. \tan 36^{\circ}15' \approx \frac{\quad + \quad}{2}$$

$$\approx \boxed{}$$

$$3. \sin 19^{\circ}05' \approx \frac{\quad + \quad}{2}$$

$$\approx \boxed{}$$

$$4. \sec 81^{\circ}55' \approx \frac{\quad + \quad}{2}$$

$$\approx \boxed{}$$

$$5. \cot 132^{\circ}25' \approx \frac{\quad + \quad}{2}$$

$$\approx \boxed{}$$