



Name

Class No.

Find the following trigonometric function

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

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

Quadrant

$= \boxed{\quad}$

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

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

Quadrant

$= \boxed{\quad}$

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

$= \dots \cos \dots^\circ \dots'$

Quadrant

$= \boxed{\quad}$

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

$= \dots \tan \dots^\circ \dots'$

Quadrant

$= \boxed{\quad}$

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

$= \dots \sec \dots^\circ \dots'$

Quadrant

$= \boxed{\quad}$

Find the following trigonometric function

$$\begin{aligned} 1. \cos 71^\circ 35' &= \frac{+}{2} \\ &= \boxed{} \end{aligned}$$

$$\begin{aligned} 2. \tan 36^\circ 15' &= \frac{+}{2} \\ &= \boxed{} \end{aligned}$$

$$\begin{aligned} 3. \sin 19^\circ 05' &= \frac{+}{2} \\ &= \boxed{} \end{aligned}$$

$$\begin{aligned} 4. \sec 81^\circ 55' &= \frac{+}{2} \\ &= \boxed{} \end{aligned}$$

$$\begin{aligned} 5. \cot 132^\circ 25' &= \frac{+}{2} \\ &= \boxed{} \end{aligned}$$