

Evaluate

Evaluate each expression using allied angles.

1) $\cot \frac{21\pi}{4} \sec \frac{37\pi}{6}$

2) $12 \cos^2 1035^\circ \cot^2 630^\circ$

3) $\frac{\cos 330^\circ \cos 210^\circ}{3 \sin 240^\circ \tan 30^\circ}$

$2 \sec^2 \frac{11\pi}{4}$

PREVIEW

Gain complete access to the largest
collection of worksheets in all subjects!

Members, please
log in to
download this
worksheet.

Not a member?
Please sign up to
gain complete
access.

www.mathworksheets4kids.com

5) $3 + \sin \frac{9\pi}{4} - \sec \frac{5\pi}{4}$

$\frac{945^\circ}{90^\circ} - \csc 390^\circ$

Evaluate

Evaluate each expression using allied angles.

1) $\cot \frac{21\pi}{4} \sec \frac{37\pi}{6}$

2) $12 \cos^2 1035^\circ \cot^2 630^\circ$

$\frac{2\sqrt{3}}{3}$

3) $\frac{\cos 330^\circ \cos 210^\circ}{3 \sin 240^\circ \tan 30^\circ}$

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

$2 \sec^2 \frac{11\pi}{4}$

$\frac{1}{2}$

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

5) $3 + \sin \frac{9\pi}{4} - \sec \frac{5\pi}{4}$

www.mathworksheets4kids.com

$\frac{945^\circ}{90^\circ} - \csc 390^\circ$

$\frac{10 + \sqrt{2}}{2}$

$\frac{\sqrt{2} - 1}{2}$