

Math 1613 - Trigonometry

Discussion Board Week 3 - Due 2019.06.23

For the given expression, first find the exact value, then find ALL angles (in radian measure) $0 \leq \theta < 2\pi$ such that the value of the expression does not change upon replacing the given angle by any of the angles you found.

1. $\sin(7\pi/3)$
2. $\cos(13\pi/6)$
3. $\sec(13\pi/2)$
4. $\csc(14\pi/3)$
5. $\sin(7\pi/3)$
6. $\cos(14\pi/6)$
7. $\sec(7\pi/3)$
8. $\csc(11\pi/6)$
9. $\sin(-8\pi/3)$
10. $\cos(-7\pi/3)$
11. $\sec(-8\pi/3)$
12. $\csc(17\pi/4)$
13. $\cos(-19\pi/4)$
14. $\sin(-19\pi/3)$
15. $\csc(15\pi/4)$