Math 1613 - Trigonometry

Discussion Board Week 3 - Due 2016.06.26

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 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. $\csc(15\pi/4)$