

Name: _____ Date: _____
MAT1375 – Mr. Kan Trigonometry: Sum & Difference Formulas

Watch the video:

1) Using a sum or difference angle formula, find the exact value of $\sin\left(\frac{5\pi}{12}\right)$. Convert to degrees first.

2) Using a sum or difference angle formula, find the exact value of $\tan\left(\frac{11\pi}{12}\right)$. Convert to degrees first.

3) Using a half angle formula, find the exact value of $\sin(22.5)$.

4) Why do I hate nerds?