Handout 4: Using Sum and Difference Identities

Grab those reference triangles. You're going to need them!

Use sum and difference identities to find the following:

1. $\cos(165)$

2. $\sin(195)$

3. $\tan(75)$

4. $\tan\left(\frac{\pi}{12}\right)$

5. $\cos(195)$

6. $\sin(255)$

7. $\sin(285)$

8. $\cos(-15)$

9. $\tan(-105)$

10. $\tan\left(\frac{13\pi}{12}\right)$