Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_

6.4 Exercises – Sum & Difference Formulas

Find the exact value of each expression.

1.  $\sin(\frac{5π}{12})$
2. cos 165°



1. tan 195°
2. sin $\frac{7π}{12}$

Prove each trig identity.

1.



1.



1.