

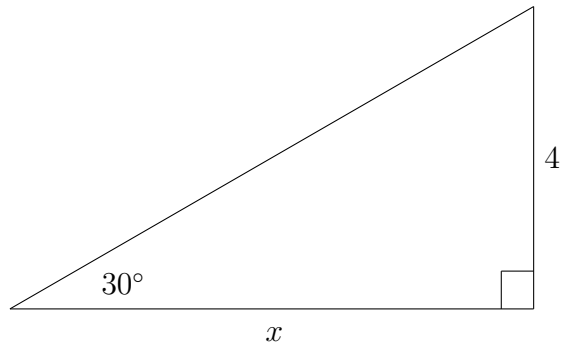
Quiz 8 — 7 November 2019

Answer the questions in the spaces provided. **Show all of your work and circle the answer you would like to have graded for each question.**

Name and section: _____

1. Evaluate any **three** of the six trigonometric functions for the real number $t = \frac{7\pi}{6}$.

2. Consult the diagram below and find the exact value of x :



3. Find the period and amplitude of $y = -2 \sin\left(\frac{\pi}{5} x\right)$.