Quiz for 10/8: Graphs of Trig Functions

You have 15 minutes. Please show all your work; if I can't follow your logic, I can't give you partial credit.

You are allowed and encouraged to use your notes, as long as they're not on a screen. I will provide the unit circle for anyone who needs it.

Please put anything with a screen (except calculators) out of sight and leave them that way until you have left the classroom.

Your answers for all questions should be exact numbers with no decimals.

Find the period, phase shift, and amplitude/stretch factor for the following functions.

1. $2\sin(3x + \pi/3) - 5$

2. $-6\cos(2x - \pi) + 2$

3. $\tan(\pi - 2x)$