**Step Function Practice Name:**

***f*(*x*) =** $\left⟦x\right⟧$ **Date: Period:**

**Graph each function**

**1.** *f*(*x*) = 2$\left⟦x\right⟧$ **2.** *f*(*x*) = $\left⟦x\right⟧$ + 4

**3. BUSINESS** *A Stitch in Time* charges $40 per hour or any fraction thereof for labor. Draw a graph of the step function that represents this situation.

 a) How much would *A Stitch in Time* charge for 3 hours?

 b) How much would *A Stitch in Time* charge for 5 hours and 20 minutes?

**4. SAVINGS** Nathan puts $200 into a checking account as soon as he gets his paycheck. The value of his checking account is modeled by the formula 200$\left⟦m\right⟧$, where *m* is the number of months that Nathan has been working. After 105 days, how much money is in the account?