

# 3 Micro Processors Building a Stopwatch

Submission form revision January 8, 2026

I am submitting my own work, and I accept penalties will be assessed against me if I submit work that isn't mine.

Point Scale  
4: Exemplary  
3: Complete  
2: Incomplete  
1: Minor effort  
0: Not submitted

Print Name \_\_\_\_\_ Sign Name \_\_\_\_\_ Date \_\_\_\_\_ Asst. Signature \_\_\_\_\_

Requirements		Pts	x Wt =	Score
1. Display values on the Seven Segment display		x	3	=
2. Create and test four-digit decimal counter		x	4	=
3: Make a control flow for your stopwatch		x	3	=
4. Use ZYNQ's Triple Timer Counter (TTC) module for the time base		x	4	=
Total Score (add all rows)				
Leave blank for on-time submission, or: Enter <b>+5</b> if one or more weeks early; Enter <b>-8</b> if one or two weeks late; Enter <b>X</b> if two or more weeks late				
Requirements Possible Score	56	Add the two rows above for the Requirements Earned Score Enter <b>0</b> if more than two weeks late		

Challenges		Pts	x Wt =	Score
1. Dynamically change the time base of the timer		x	3	=
2. Create a 7-digit Counter		x	3	=
3. Create a timer-based game		x	4	=
4. Create a reaction timer		x	4	=
Total Score (add all rows)				
Leave blank for on-time submission, or: Enter <b>+5</b> if one or more weeks early; Enter <b>-8</b> if one or two weeks late; Enter <b>X</b> if two or more weeks late				
Challenges Possible Score	56	Add the two rows above for the Challenges Earned Score, or Leave blank if no challenges submitted, Enter <b>0</b> if more than two weeks late		