

**EE211 Section 1 Extra credit (1 point) Submit hardcopy only.**  
**In order to earn 1 point, student must answer both questions correctly.**

Name \_\_\_\_\_ Last 4 digits ID \_\_\_\_\_

**Answers the following questions with full explanation and graphs.**

Your cousin Vinnie owns a painting company with fixed costs of \$200 and the following schedule for variable costs:

Quantity of Houses Painted per Month	1	2	3	4	5	6	7
Variable costs	\$10	\$20	\$40	\$80	\$160	\$320	\$640

Calculate average fixed cost, average variable cost, and average total cost for each quantity. What is the efficient scale of the painting company?