

2. The table shows Protecto’s short-run cost schedule of producing helmets.

Quantity of Helmets	Total Cost (\$)	Marginal Cost (\$)
4	200	30
5	235	35
6	275	40
7	320	45
8	375	55
9	440	65
10	520	80

Protecto produces and sells as many helmets as it wants at a market price of \$60 each, and Protecto’s fixed cost is \$80.

Part A

Identify the market structure in which Protecto sells helmets.

Part B

Calculate Protecto’s average variable cost when it produces 4 helmets. Show your work.

Part C

Calculate Protecto’s economic profit when it sells 5 helmets. Show your work.

Part D

Identify Protecto’s profit-maximizing quantity of helmets. Explain your answer using marginal analysis and numbers.

Part E

Protecto is earning positive economic profit in the short run. As the market for helmets adjusts to long-run equilibrium, will the market price of helmets increase, decrease, or remain the same? Explain.