

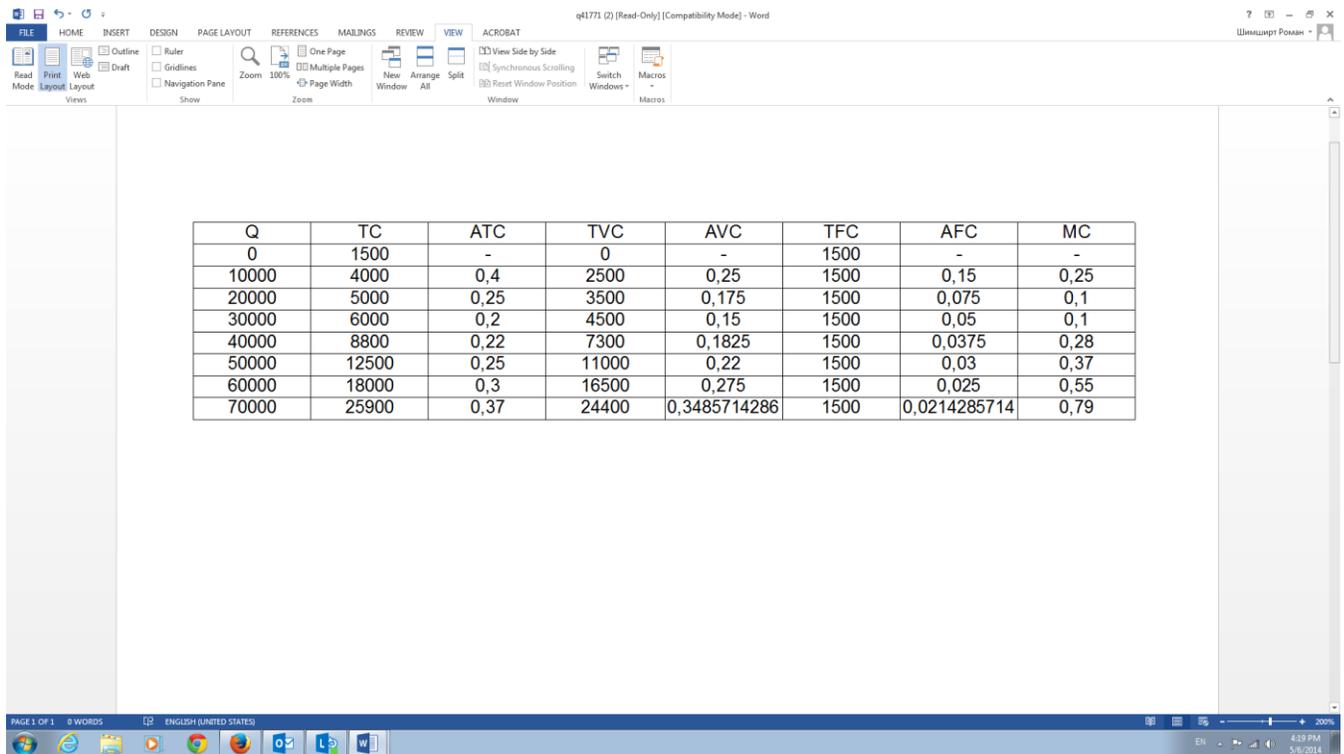
Answer on Question #41771, Economics, Microeconomics

$TC = TVC + TFC$ (sum of variable costs and fixed costs)

$ATC = TC/Q$ (firm's total cost per unit of output)

$AVC = TVC/Q$ (firm's variable cost per unit of output)

$MC = DTC/DQ$ (amount by which total cost rises with an additional unit of output)



The image shows a screenshot of a Microsoft Word document in Read-Only mode. The document contains a table with 8 columns and 9 rows. The columns are labeled Q, TC, ATC, TVC, AVC, TFC, AFC, and MC. The rows represent different levels of output (Q) and their corresponding costs. The table is centered on the page. The Word interface includes the ribbon with tabs for FILE, HOME, INSERT, DESIGN, PAGE LAYOUT, REFERENCES, MAILINGS, REVIEW, and VIEW. The status bar at the bottom indicates 'PAGE 1 OF 1', '8 WORDS', 'ENGLISH (UNITED STATES)', and the time '4:19 PM' on '5/6/2014'.

| Q | TC | ATC | TVC | AVC | TFC | AFC | MC |
|-------|-------|------|-------|--------------|------|--------------|------|
| 0 | 1500 | - | 0 | - | 1500 | - | - |
| 10000 | 4000 | 0,4 | 2500 | 0,25 | 1500 | 0,15 | 0,25 |
| 20000 | 5000 | 0,25 | 3500 | 0,175 | 1500 | 0,075 | 0,1 |
| 30000 | 6000 | 0,2 | 4500 | 0,15 | 1500 | 0,05 | 0,1 |
| 40000 | 8800 | 0,22 | 7300 | 0,1825 | 1500 | 0,0375 | 0,28 |
| 50000 | 12500 | 0,25 | 11000 | 0,22 | 1500 | 0,03 | 0,37 |
| 60000 | 18000 | 0,3 | 16500 | 0,275 | 1500 | 0,025 | 0,55 |
| 70000 | 25900 | 0,37 | 24400 | 0,3485714286 | 1500 | 0,0214285714 | 0,79 |