Fixed costs (FC) of the company are 100 thousand UAH. per month. The table shows the values of variable costs. Calculate marginal costs and plot the dynamics of fixed, variable and total costs. Mark on the graph the volume of production from which the law of diminishing marginal returns comes into force.

|  |  |  |  |
| --- | --- | --- | --- |
| Q (ths. items) | VC (ths. UAH) | TC (ths. UAH) | MC (UAH) |
| 0 | 0 | 100 | - |
| 10 | 100 | 200 | 10 |
| 20 | 180 | 280 | 8 |
| 30 | 250 | 350 | 7 |
| 40 | 300 | 400 | 5 |
| 50 | 350 | 450 | 5 |
| 60 | 420 | 520 | 7 |
| 70 | 510 | 610 | 9 |
| 80 | 620 | 720 | 11 |