

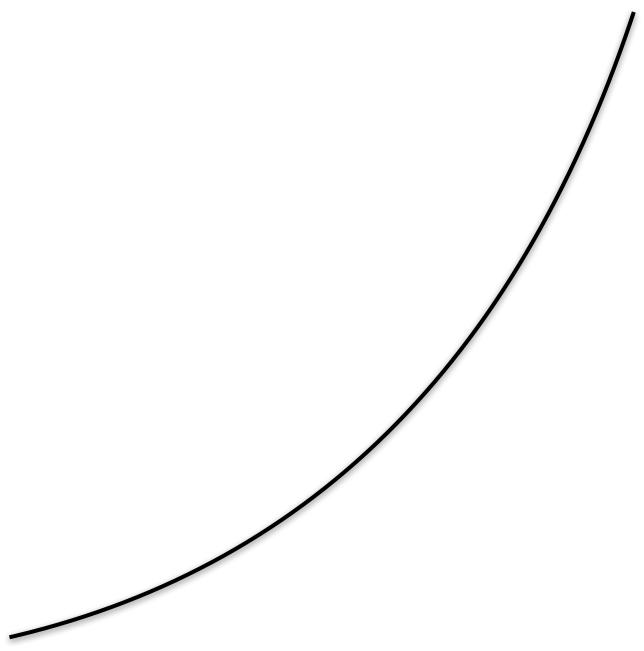


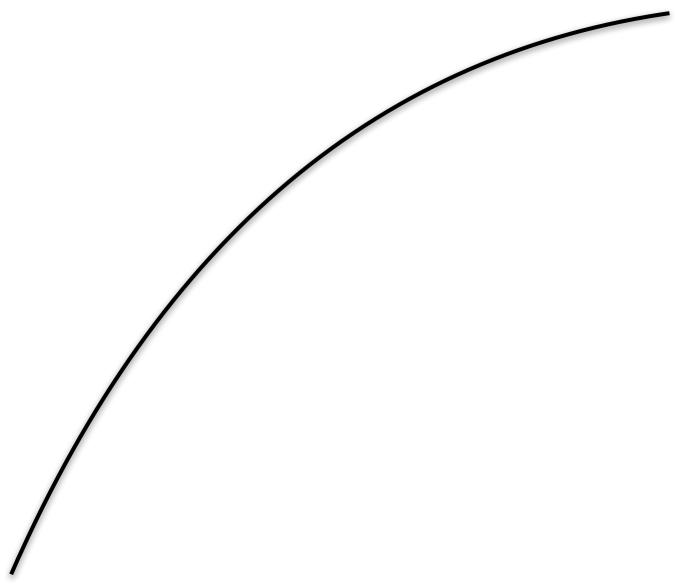
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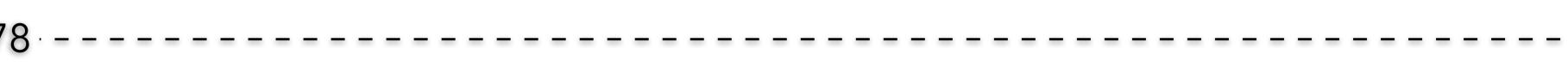
12 - - - - - -

21 - - - - - - - - - - -

33 -----

47 - - - - - - - - - - - - - - -

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Using the Total Product (TP) to calculate the Marginal Product (MP)







Ш	TP
0	0
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	















































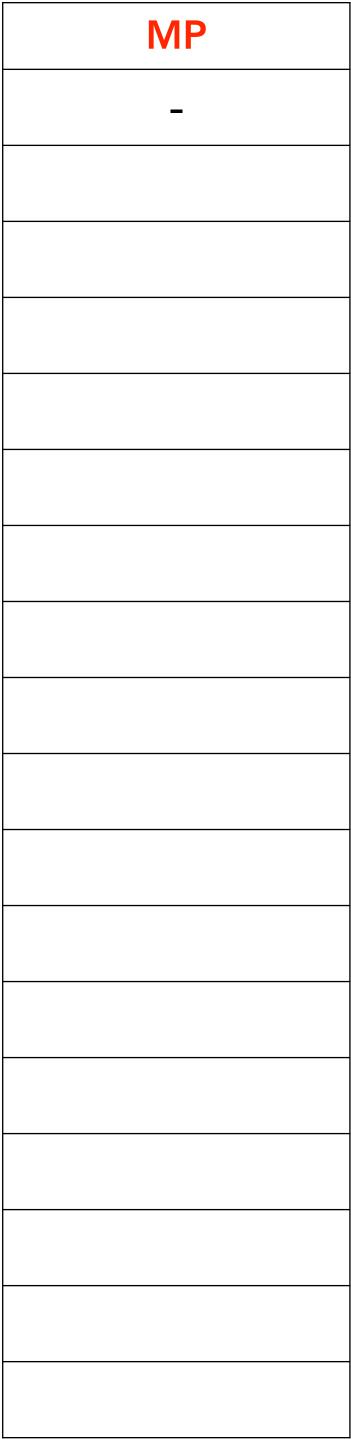




 MP_{13}

▲ MP₁₅⁷

 IMP_{17}



0.5

 $\bigcirc 4$

102 - 91

110 - 102 = 8

115 - 110 = 5

- 4

112 -110=

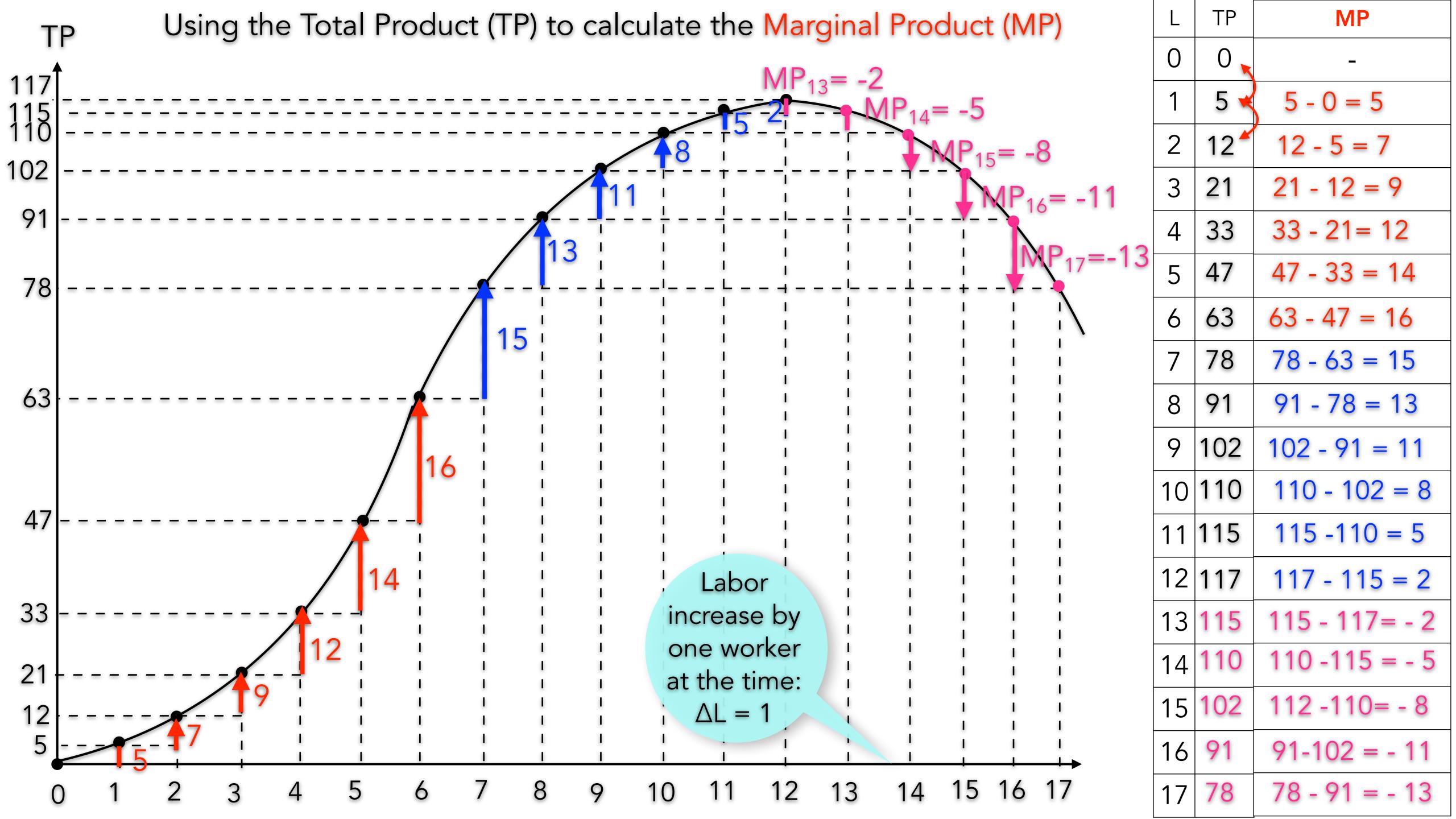
 MP_{14}

 $MP_{16} = -11$





Labor increase by one worker at the time: $\Delta L = 1$



Using the Total Product (TP) to calculate the Marginal Product (MP)

Labor (L)	TP	MP
0	0	
1	5	5-0=5
2	12	12-5=7
3	21	21-12=9
4	33	33-21=12
5	47	47-33=14
6	63	63-47=16
7	78	78-63=15
8	91	91-78=13
9	102	102-91=11
10	110	110-102=8
11	115	115-110=5
12	117	117-115=2
13	115	115-117=-2
14	110	110-115=-5
15	102	102-110=-8
16	91	91-102=-11
17	78	78-91=-13