









$$MP_8 = 13$$



  $MP_9 = 11$



2

3

4

5

6

7



8

9

10

1

1

12

0

5

-

-

-

-

12

-

-

-

-

-

-

-



21- - - - -

33



47

-----

63 . . . . .

102 -----

91

-----

78

-----

110-----

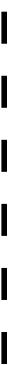


115

117.....















1. The first part of the document is a title page.

2. The second part of the document is a table of contents.

3. The third part of the document is a list of figures.

4. The fourth part of the document is a list of tables.

5. The fifth part of the document is a list of references.

6. The sixth part of the document is a list of appendices.

7. The seventh part of the document is a list of footnotes.

8. The eighth part of the document is a list of glossary terms.

9. The ninth part of the document is a list of abbreviations.

10. The tenth part of the document is a list of symbols.

11. The eleventh part of the document is a list of units.

12. The twelfth part of the document is a list of equations.

13. The thirteenth part of the document is a list of diagrams.

14. The fourteenth part of the document is a list of figures.

15. The fifteenth part of the document is a list of tables.

16. The sixteenth part of the document is a list of references.

17. The seventeenth part of the document is a list of appendices.

18. The eighteenth part of the document is a list of footnotes.

19. The nineteenth part of the document is a list of glossary terms.

20. The twentieth part of the document is a list of abbreviations.

21. The twenty-first part of the document is a list of symbols.

22. The twenty-second part of the document is a list of units.

23. The twenty-third part of the document is a list of equations.

24. The twenty-fourth part of the document is a list of diagrams.

25. The twenty-fifth part of the document is a list of figures.









When worker 7 is hired, Total Product  
increase by 15 units:  $MP=15$

When worker 8 is hired, Total Product  
increase by 13 units:  $MP = 13$

Marginal Product for worker 9:  $MP = 11$



Marginal Product Decrease: 15, 13, 11, 8, 5, 2

















Total Product Increase

78

91

102

110

1

1

5

1

1

7



14





16



$$MP_7 = 15$$

↑  $MP_{10} = 8$


$$\text{IMP}_{11} = 5$$







But: Because the Marginal Product is still positive,



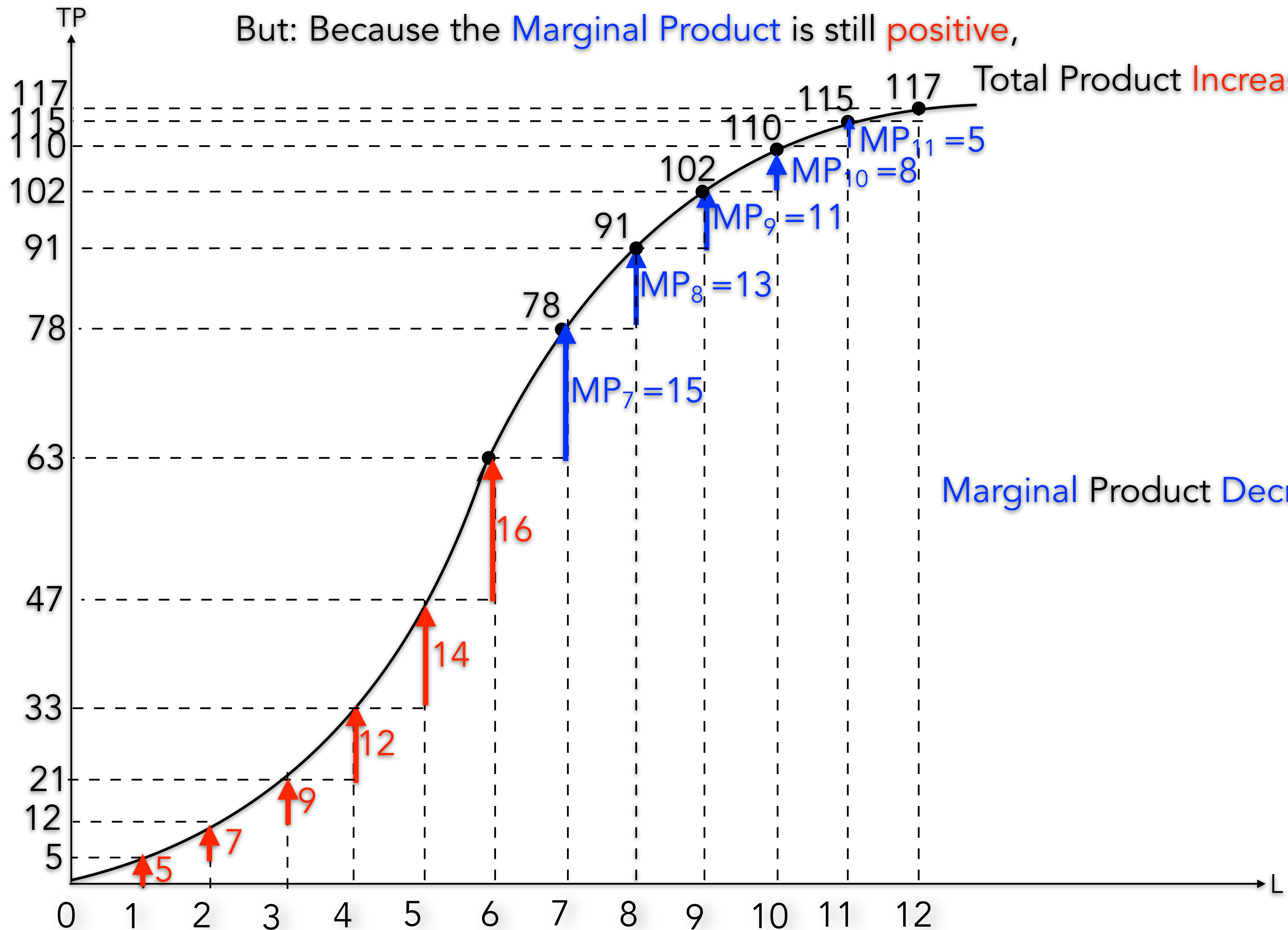

$$MP_{12} = 2$$

TP



But: Because the Marginal Product is still positive,

Total Product Increase



What happens if we continue to add  
workers to a plant of **fixed size**?