



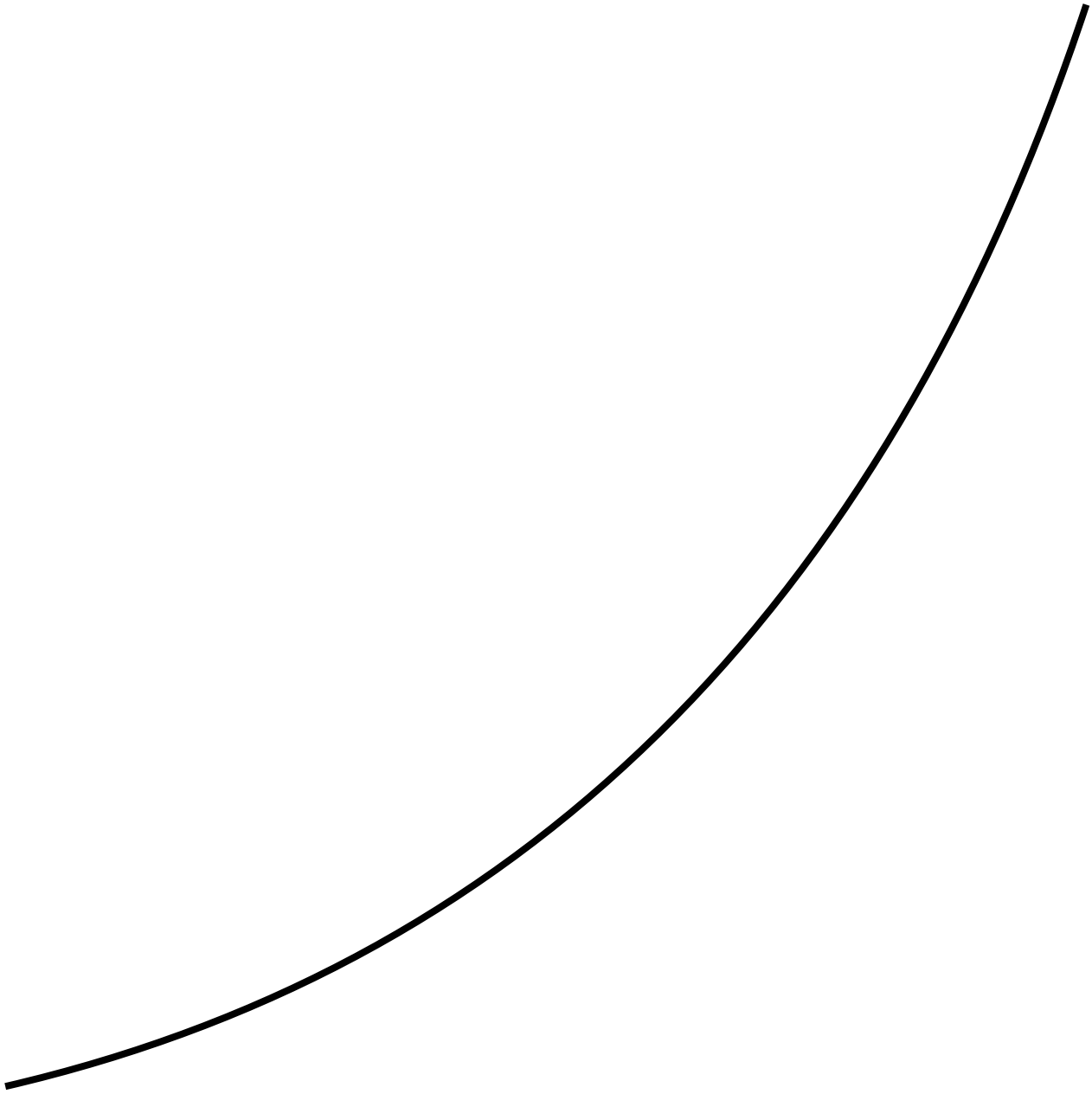
115 -----

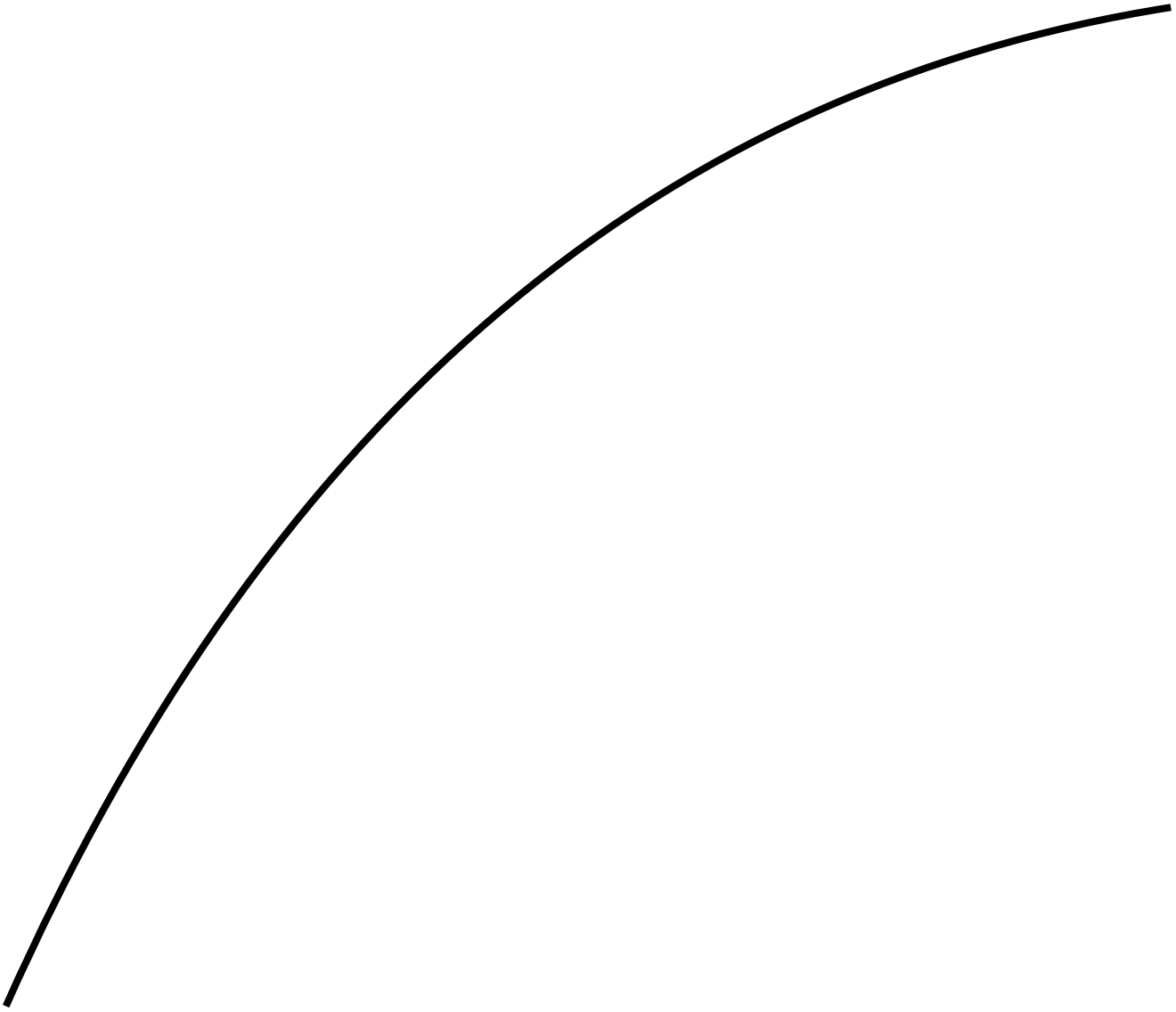




















5



7

9









16





15



13





8

1

5

2





2



3

4

5

6







10





12

13

14

15

16



5

—

—

—

—

—

—

—



12

—

—

—

—

—

—

—

—

—

—

21- - - - -

33

—

—

—

—

—

—

—

—

—

—

—

—

—

—

—

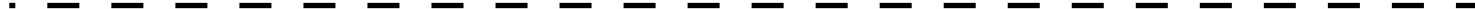
—

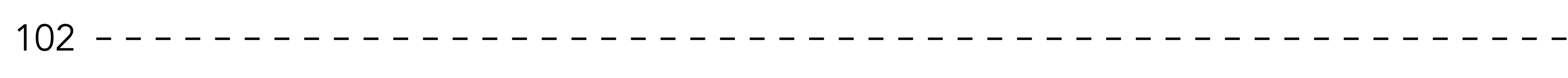
—

47

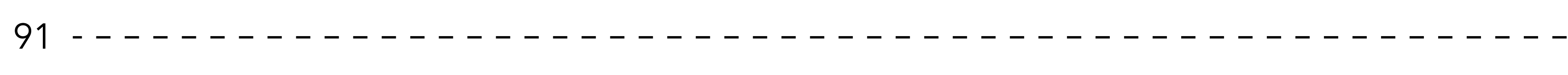


63





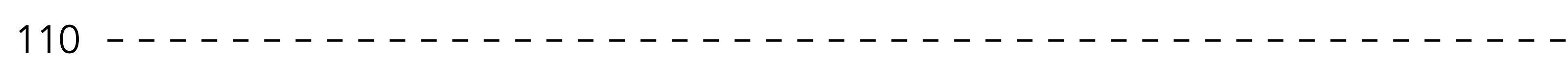
102



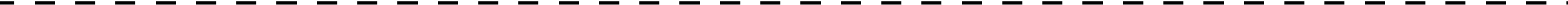
78







117































Total Product Decrease






$$I_{MP_{13}} = -2$$




$$MP_{14} = -5$$


$$\text{MMP}_{15} = -8$$


$$\text{IMP}_{16} = -11$$


$$MP_{17} = -13$$

1

7













When worker 13 is hired, total product **drops** by 2 units:

$$MP_{13} = -2$$

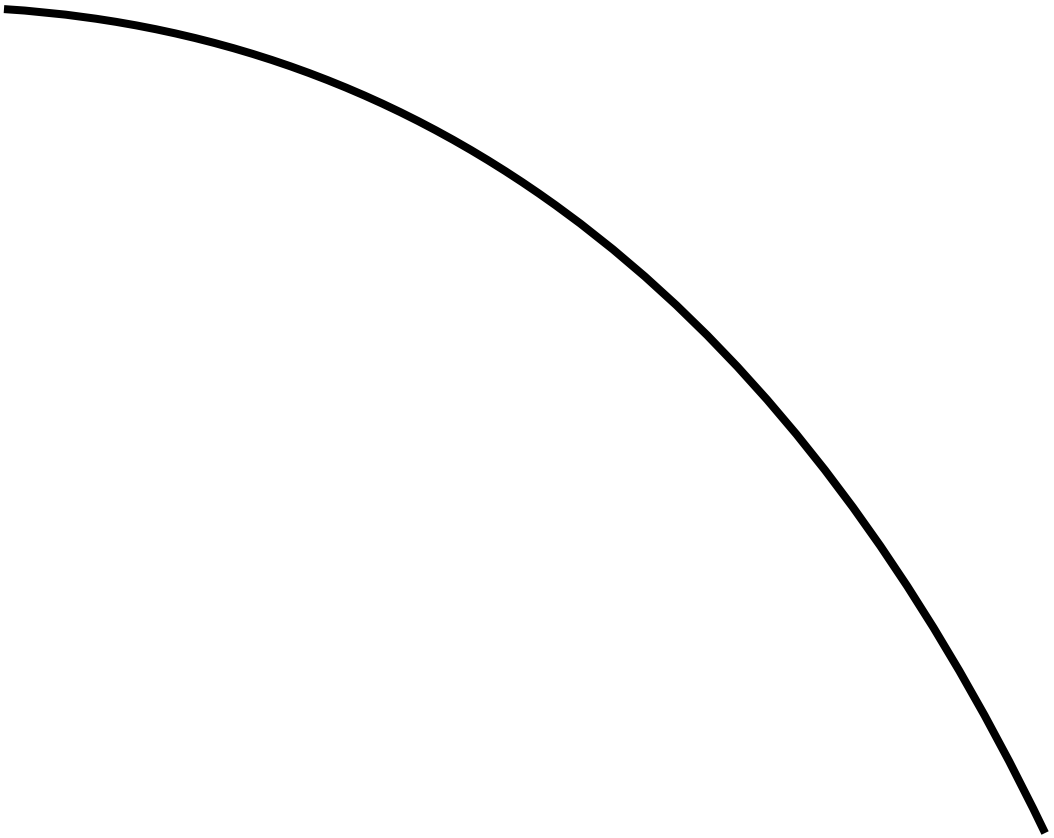
When worker 14 is hired, total product **drops by 5** units:

$$MP_{14} = -5$$

When worker 15 is hired, total product **drops** by 8 units:

$$MP_{15} = -8$$





M

a

**r**

g



n

a





P

r



d

u

C

t





S

n

e

g

a









e





2





5













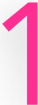








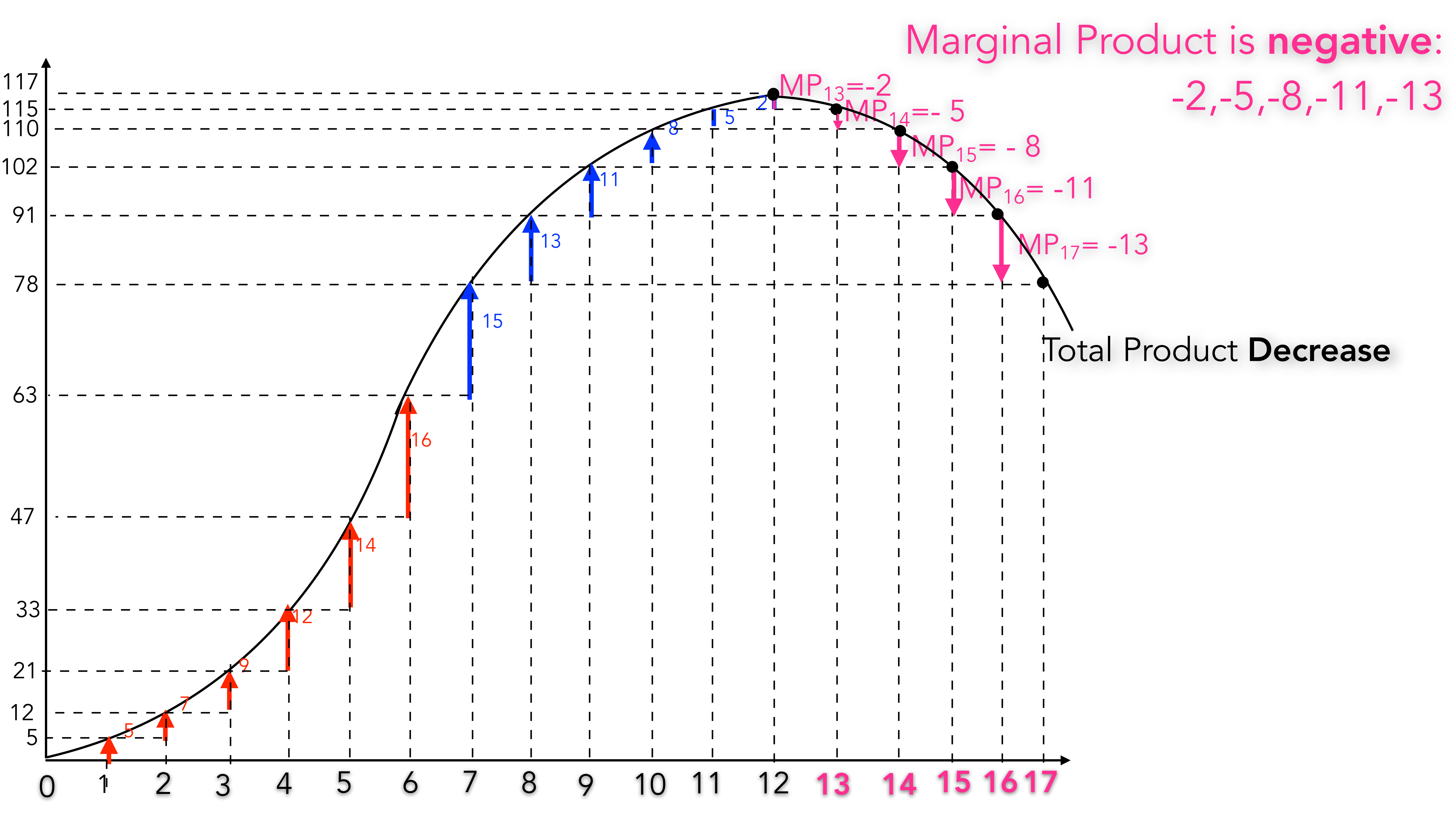




3

Marginal Product is **negative**:

-2, -5, -8, -11, -13



# Adding workers to a Fixed Size Plant

