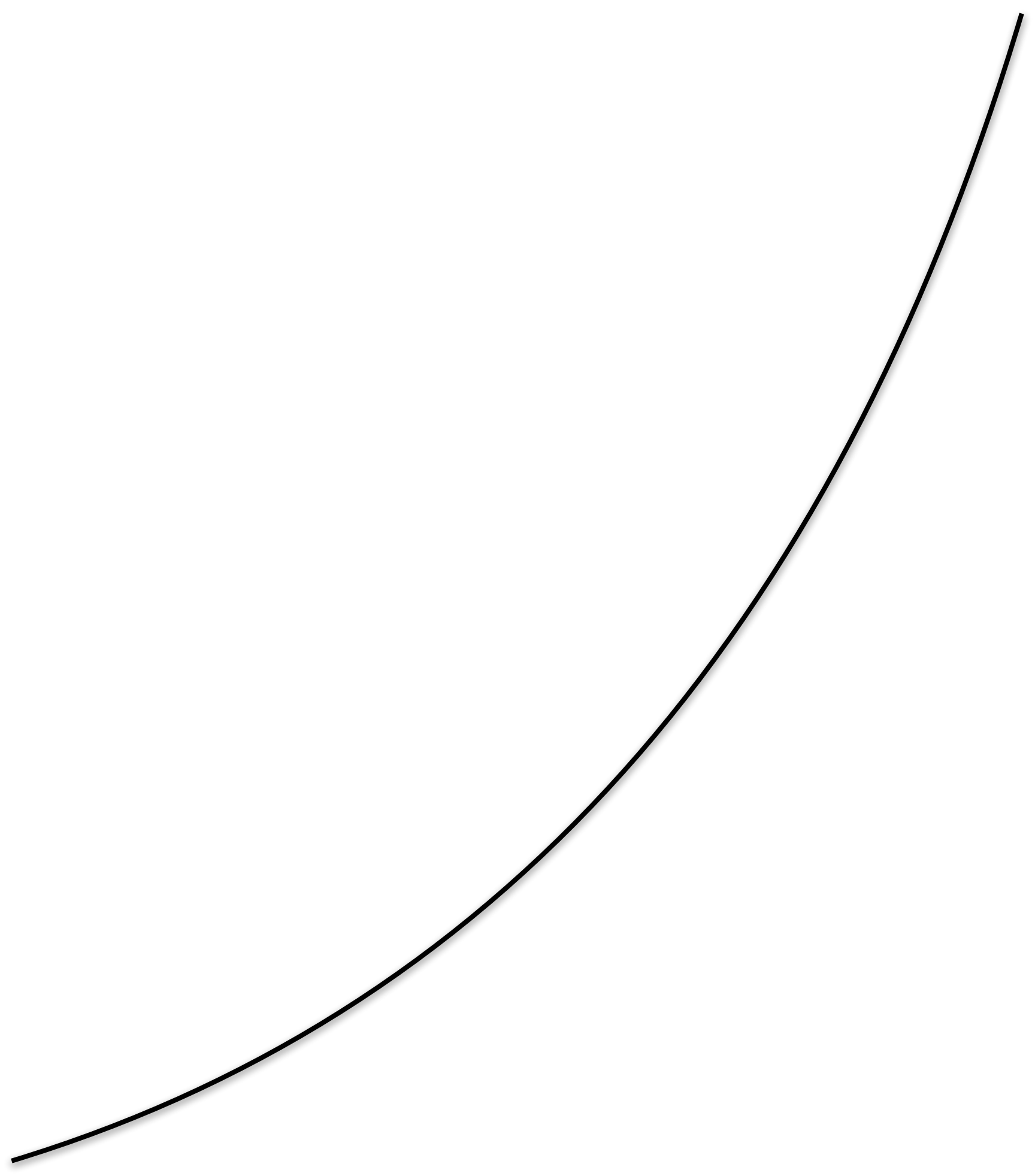


Marginal Product *Increase*: 5, 7, 9, 12, 14, 16

Total Product *Increase*: 5,12,21,33,47,63

Total Product









2

3

4

5





5

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12

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21

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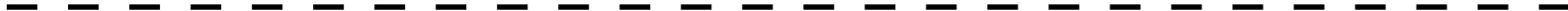
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-

33



47



63



























Workers
Labor

↑ 7 = MP₂

15=MP₁



$9 = MP_3$



$12 = MP_4$



$$14 = MP_5$$


$$16 = MP_6$$

# Workers L	Total Product TP
0	0
1	5
2	12
3	21
4	33
5	47
6	63

Marginal
Product
MP



Marginal Product **MP**



Marginal
Product
MP

-

$$5 - 0 = 5$$

Marginal
Product
MP

-

$$5 - 0 = 5$$

$$12 - 5 = 7$$

Marginal Product MP

-

$$5 - 0 = 5$$

$$12 - 5 = 7$$

$$21 - 12 = 9$$

Marginal Product MP

-

$$5 - 0 = 5$$

$$12 - 5 = 7$$

$$21 - 12 = 9$$

$$33 - 21 = 12$$

Marginal Product MP

-

$$5 - 0 = 5$$

$$12 - 5 = 7$$

$$21 - 12 = 9$$

$$33 - 21 = 12$$

$$47 - 33 = 14$$

Marginal Product MP

-

$$5 - 0 = 5$$

$$12 - 5 = 7$$

$$21 - 12 = 9$$

$$33 - 21 = 12$$

$$47 - 33 = 14$$

$$63 - 47 = 16$$

Marginal
Product
MP

-

$$5 - 0 = 5$$

$$12 - 5 = 7$$

$$21 - 12 = 9$$

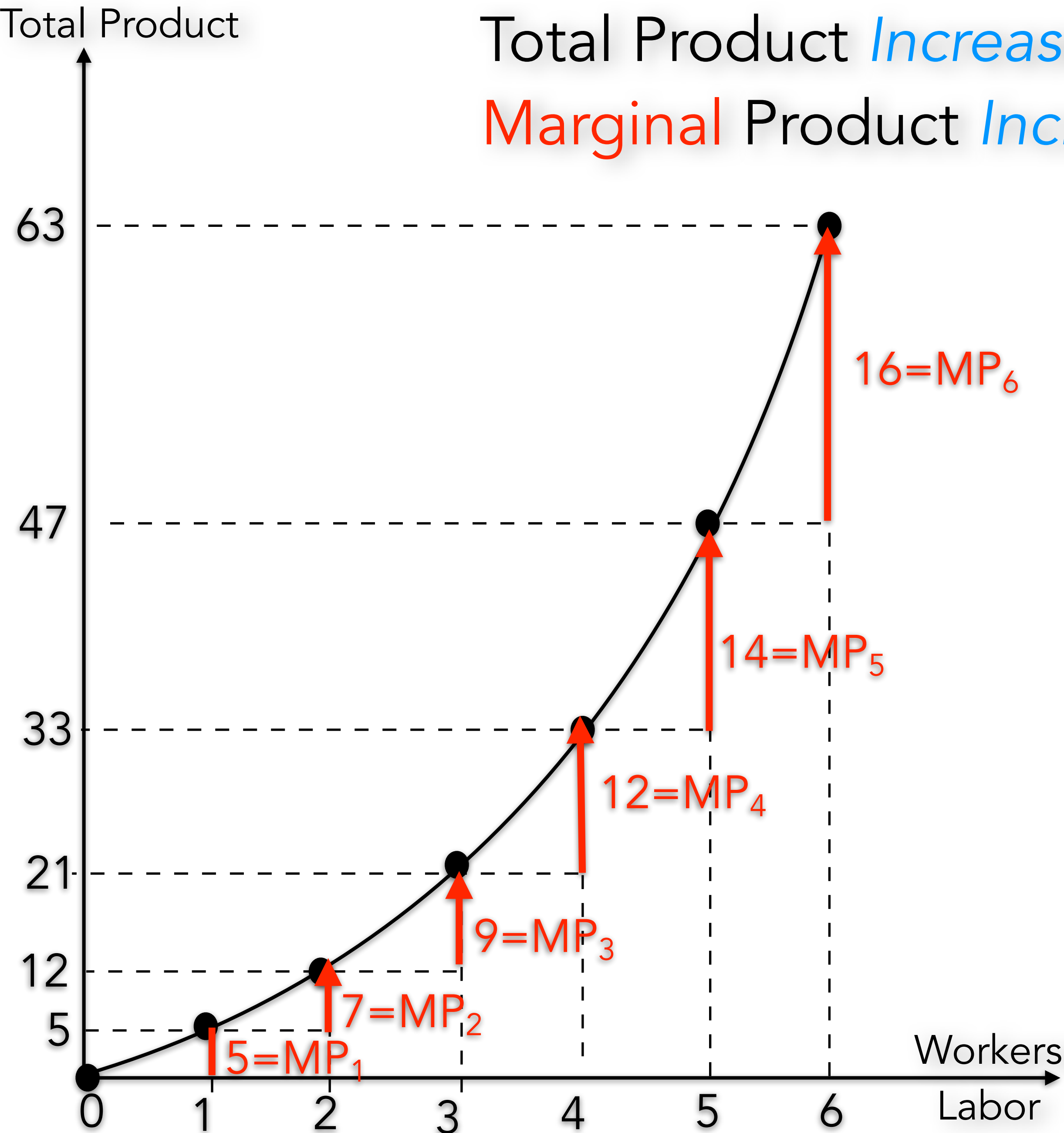
$$33 - 21 = 12$$

$$47 - 33 = 14$$

$$63 - 47 = 16$$

Total Product *Increase*: 5,12,21,33,47,63

Marginal Product *Increase*: 5,7,9,12,14,16



# Workers L	Total Product TP	Marginal Product 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	$63 - 47 = 16$

What happens if we **continue** to hire more
workers?