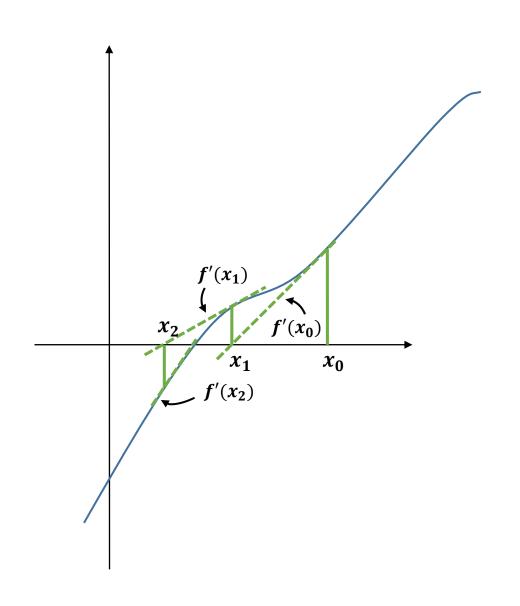
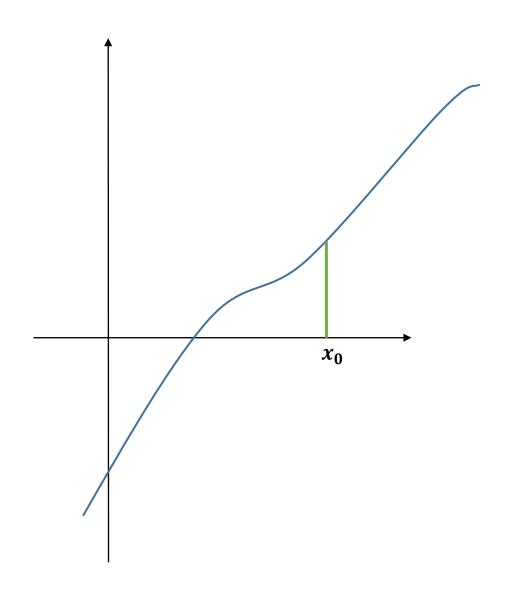
$$f'(x_n) \cdot (x_n - x_{n+1}) = f(x_n) - 0$$

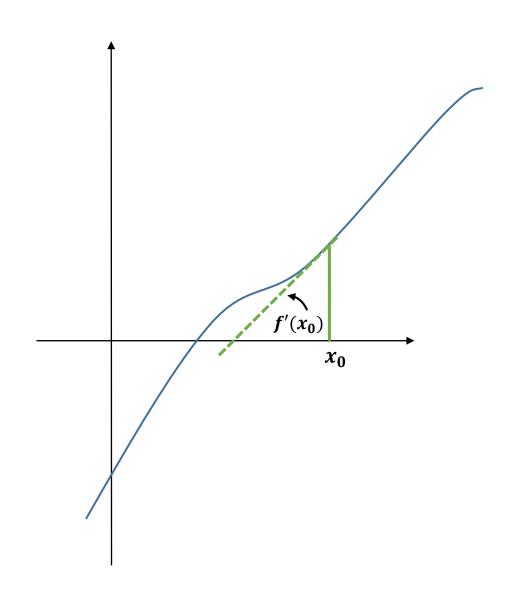
$$(x_n - x_{n+1}) = \frac{f(x_n)}{f'(x_n)}$$

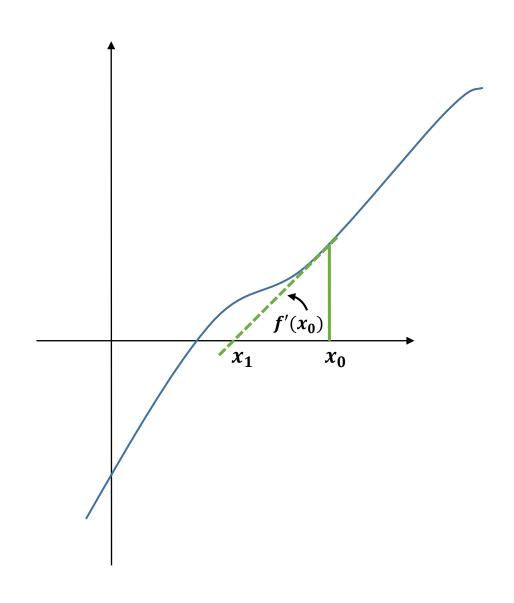
$$x_{n+1} = x_n - \frac{f(x_n)}{f'(x_n)}$$



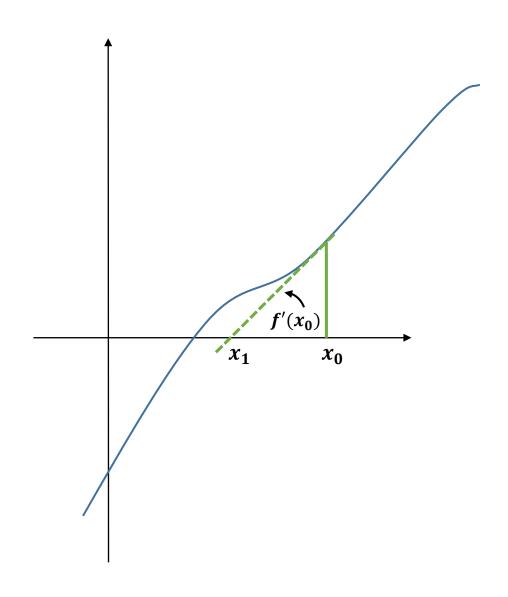
$$f'(x_n) \cdot (x_n - x_{n+1}) = f(x_n) - 0$$





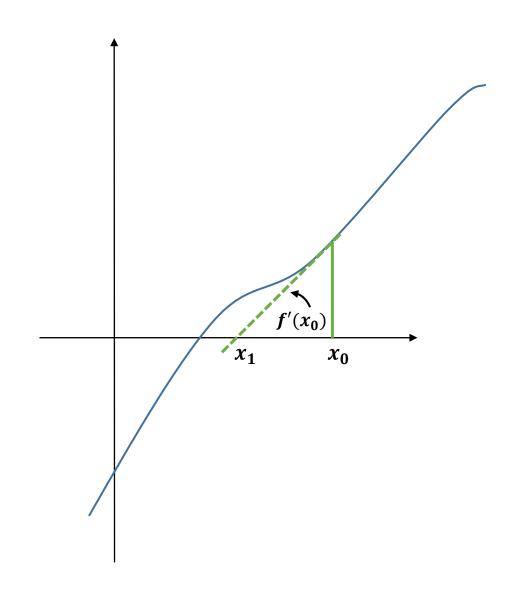


$$f'(x_n) \cdot (x_n - x_{n+1}) = f(x_n) - 0$$



$$f'(x_n) \cdot (x_n - x_{n+1}) = f(x_n) - 0$$

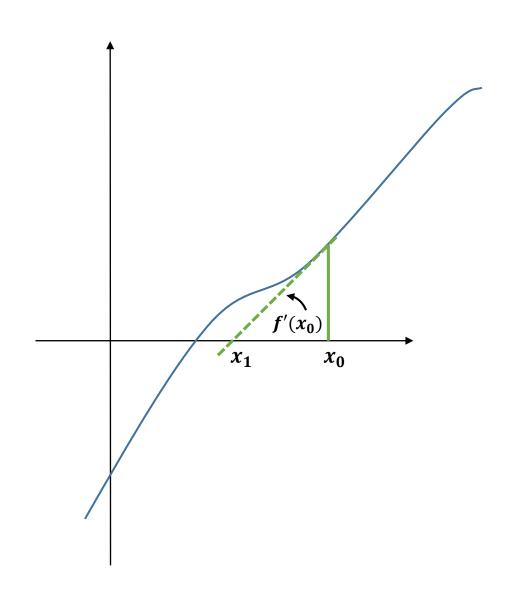
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$$f'(x_n) \cdot (x_n - x_{n+1}) = f(x_n) - 0$$

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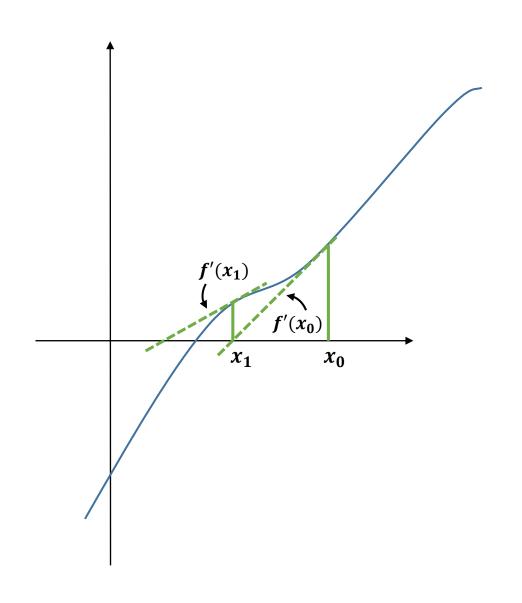
$$x_{n+1} = x_n - \frac{f(x_n)}{f'(x_n)}$$



$$f'(x_n) \cdot (x_n - x_{n+1}) = f(x_n) - 0$$

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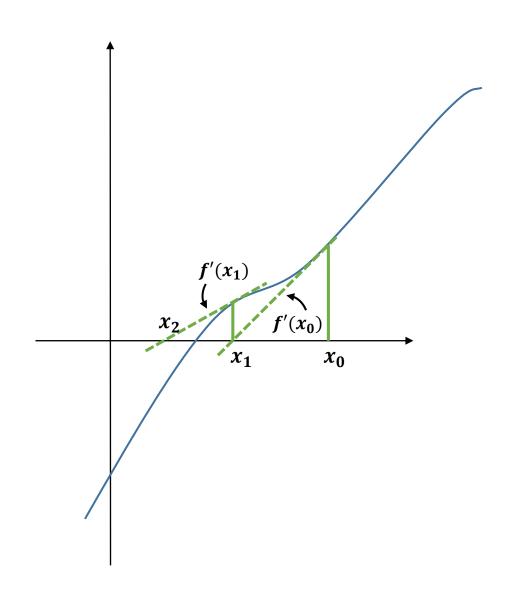
$$x_{n+1} = x_n - \frac{f(x_n)}{f'(x_n)}$$



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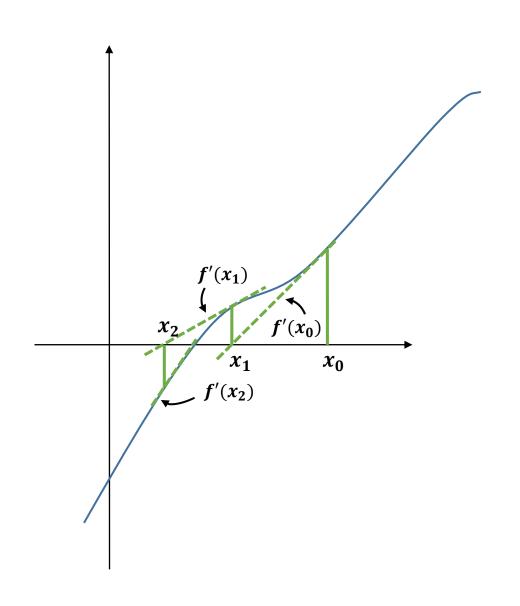
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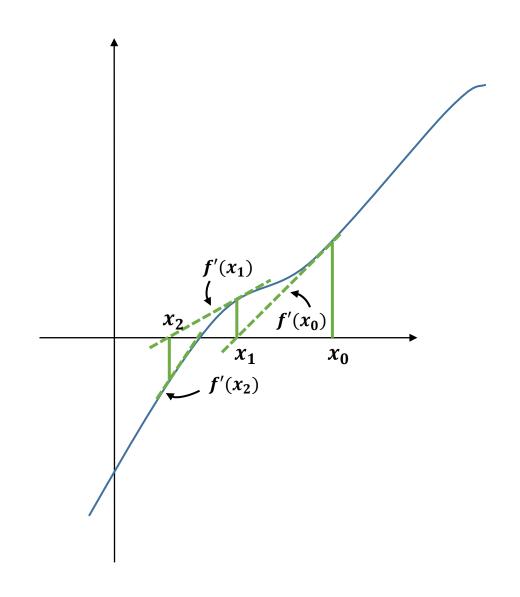
$$x_{n+1} = x_n - \frac{f(x_n)}{f'(x_n)}$$



$$f'(x_n) \cdot (x_n - x_{n+1}) = f(x_n) - 0$$

$$(x_n - x_{n+1}) = \frac{f(x_n)}{f'(x_n)}$$

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$$x_{n+1} = x_n - \frac{f(x_n)}{f'(x_n)}$$

$$f(x) = (x-3)^2$$
  $f'(x) = 2(x-3)$ 

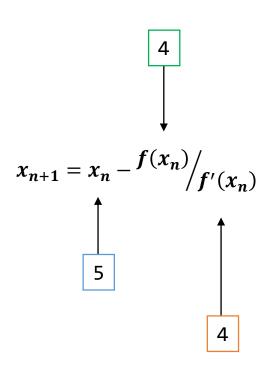
$$f'(x) = 2(x-3)$$

 $\boldsymbol{x}$ 

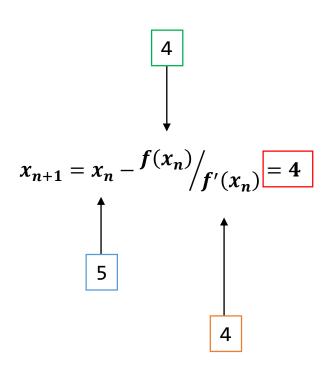
$$x_{n+1} = x_n - \frac{f(x_n)}{f'(x_n)}$$

$$f(x) = (x-3)^2$$
  $f'(x) = 2(x-3)$  x

$$x_{n+1} = x_n - \frac{f(x_n)}{f'(x_n)}$$

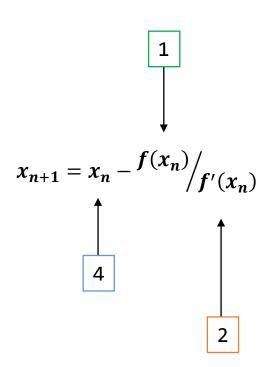


$$f(x) = (x - 3)^2$$
  $f'(x) = 2(x - 3)$   $x = 4$ 



$$f(x) = (x - 3)^2$$
  $f'(x) = 2(x - 3)$ 

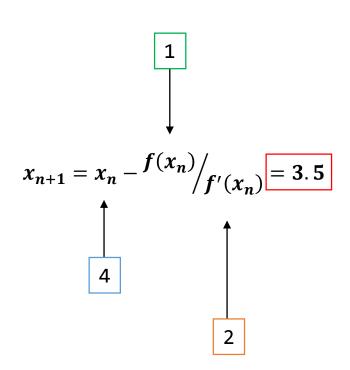
$$f'(x) = 2(x-3)$$



$$f(x) = (x-3)^2$$
  $f'(x) = 2(x-3)$   $x$ 

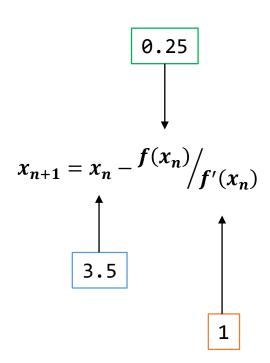
4 4 5

1



$$f(x) = (x-3)^2$$
  $f'(x) = 2(x-3)$   $x$ 

4 4 5
1 2 4
3.5

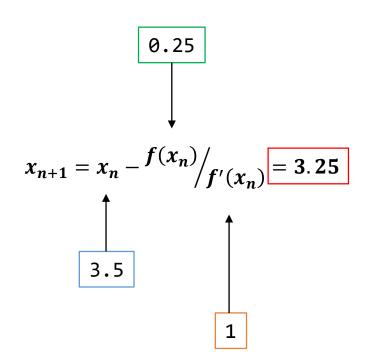


$$f(x) = (x-3)^2$$
  $f'(x) = 2(x-3)$   $x$ 

4 4 5

1 2 4

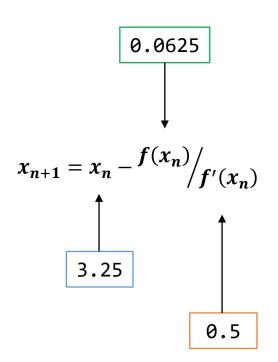
0.25



$$f(x) = (x-3)^2$$
  $f'(x) = 2(x-3)$   $x$ 

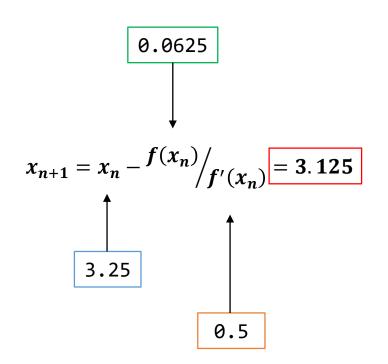
4 4 5
1 2 4
0.25 1 3.5

3.25



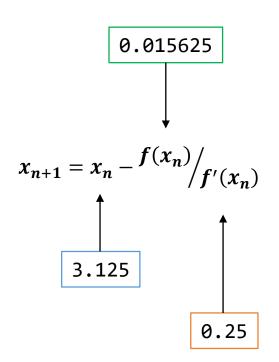
$$f(x) = (x - 3)^2$$
  $f'(x) = 2(x - 3)$   $x$ 

4 4 5
1 2 4
0.25 1 3.5
0.0625 0.5

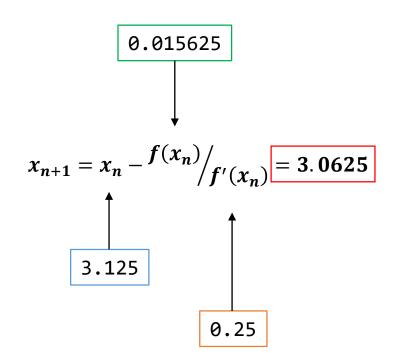


$$f(x) = (x - 3)^2$$
  $f'(x) = 2(x - 3)$   $x$ 

4 4 5
1 2 4
0.25 1 3.5
0.0625 0.5 3.125

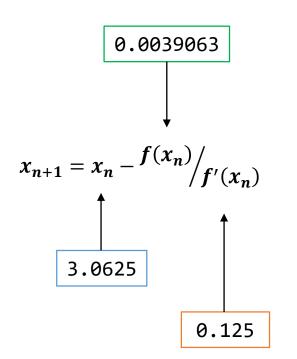


$$f(x) = (x - 3)^2$$
 $f'(x) = 2(x - 3)$  $x$ 4451240.2513.50.06250.53.250.0156250.253.125



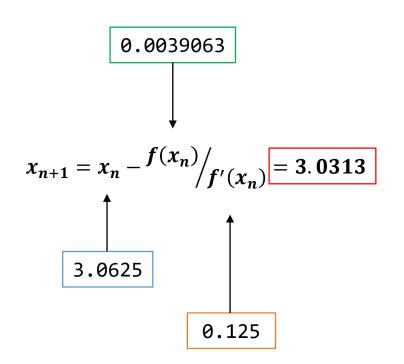
$f(x) = (x-3)^2$	f'(x) = 2(x-3)	x
4	4	5
1	2	4
0.25	1	3.5
0.0625	0.5	3.25
0.015625	0.25	3.125

3.0625



$$f(x) = (x - 3)^2$$
  $f'(x) = 2(x - 3)$ 

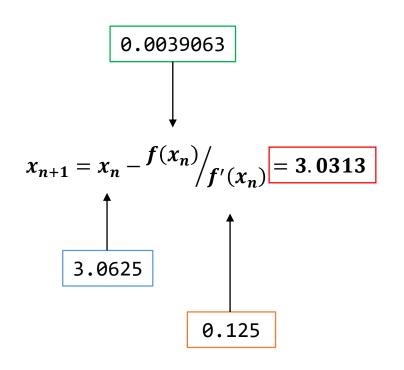
4 4
2
0.25 1
0.0625 0.5
0.015625 0.25
0.0039063 0.125

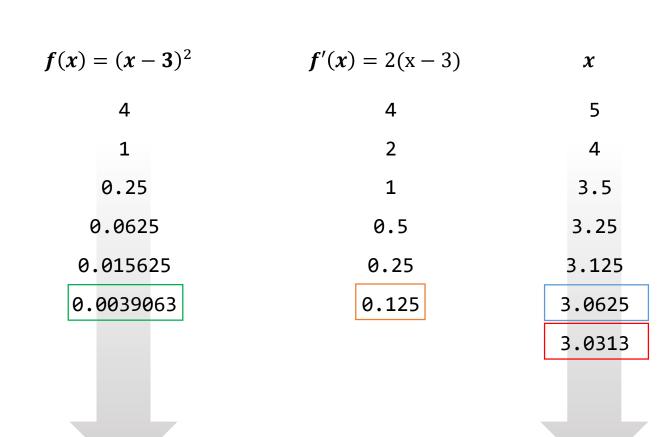


$$f(x) = (x - 3)^2$$
  $f'(x) = 2(x - 3)$ 

4 4
2
0.25
1
0.0625
0.015625
0.0039063
0.125

3.0313





0.0

3.0