
CPI = 16
CPI = 240
1930
2023

Prices in 2023 are 15 times larger than in 1930

I need 15 times as much money in 2023

How much do I need in 2023 in order to be able to buy as much as my grandfather was able to buy in 1930 with $100?

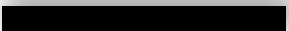
Using the CPI: Comparing values across Time

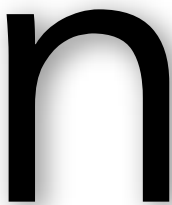
What is the equivalent of $100 in todays' prices?

Divide new CPI by old CPI:

$$\frac{240}{16} = 15$$


$100
Multiply $100 times 15
$1,500



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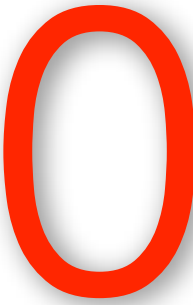


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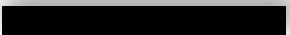

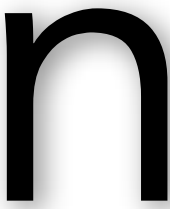

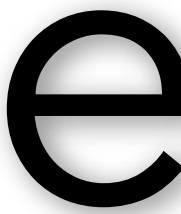

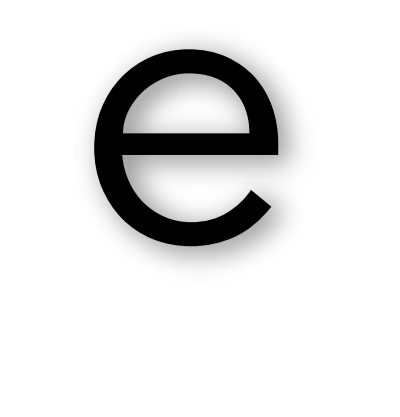

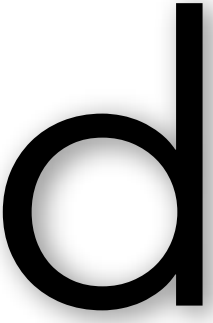


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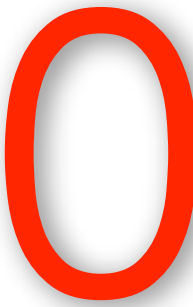

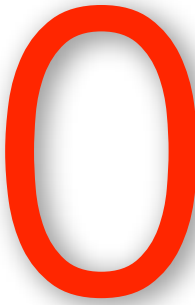

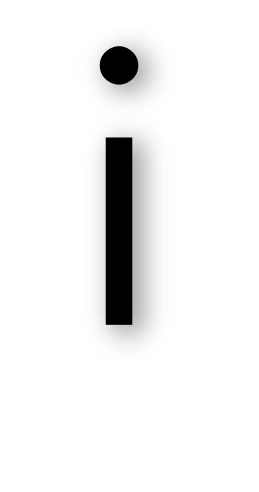

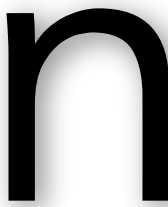

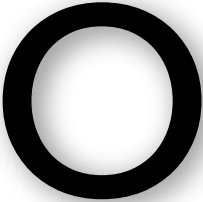

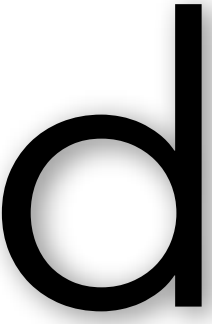

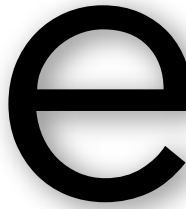

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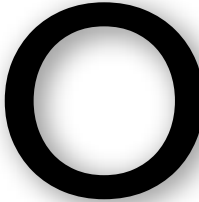

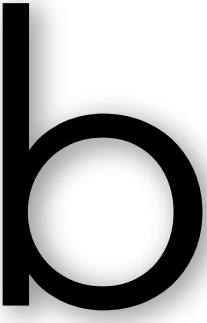

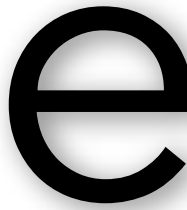

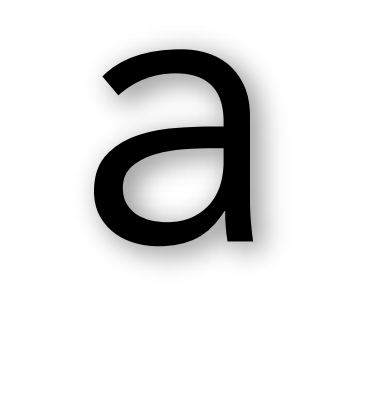
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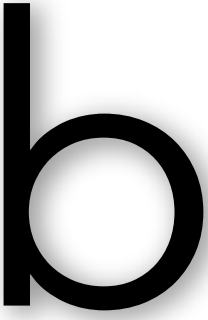

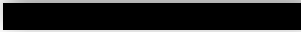

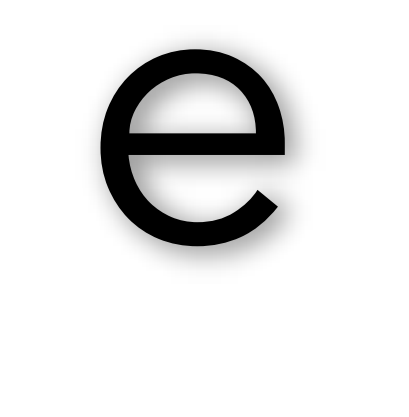

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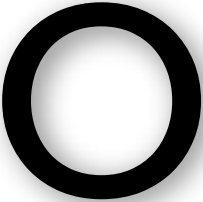

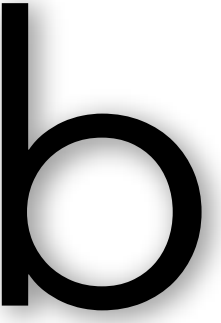

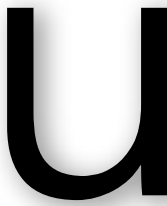

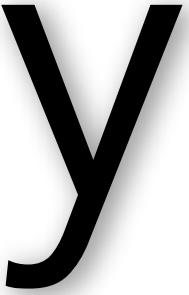

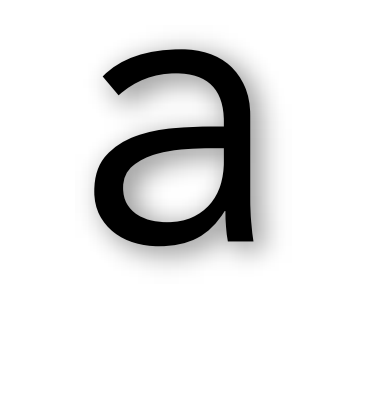
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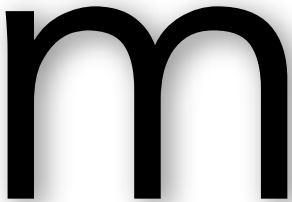

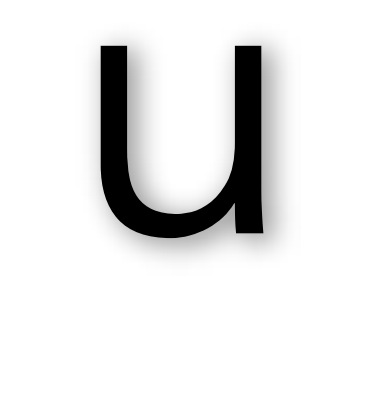

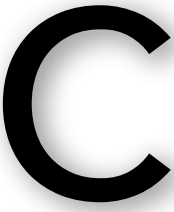

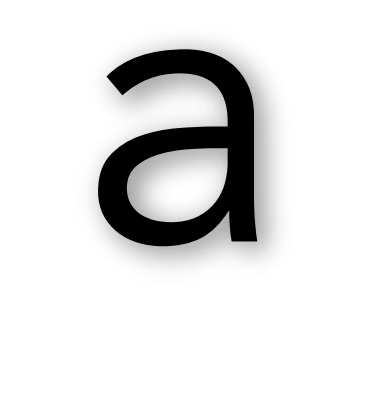
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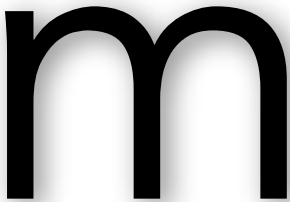

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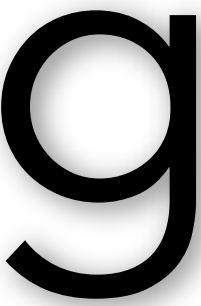

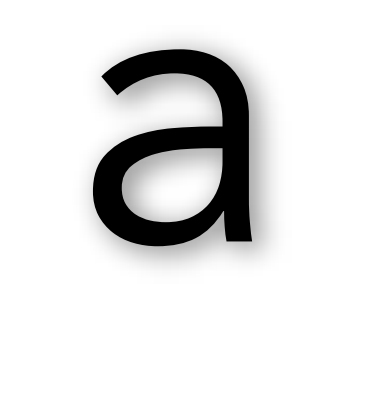
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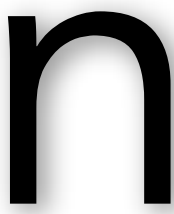

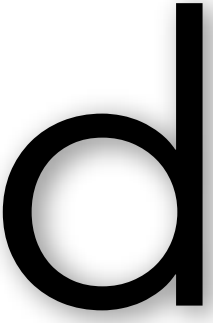

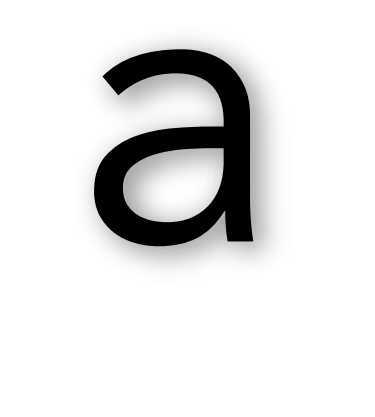
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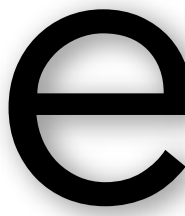


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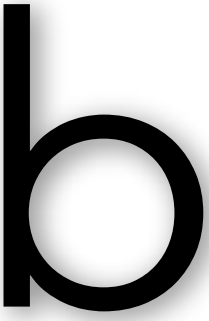

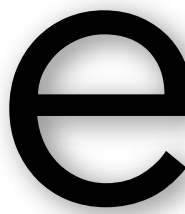

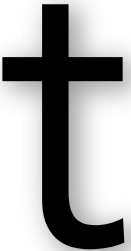

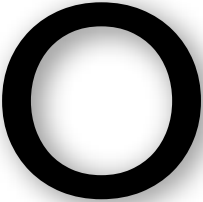

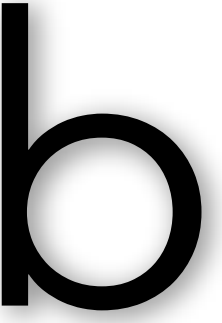

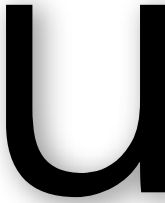

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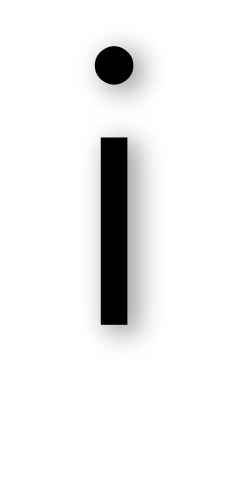

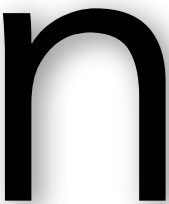

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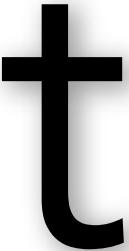

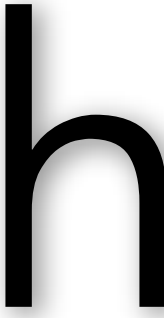

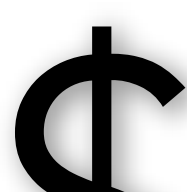

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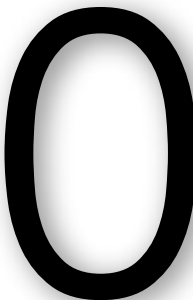

Using the CPI: Comparing values across Time

How much do I need in 2023 in order to be able to buy as much as my grandfather was able to buy in 1930 with $100?

CPI = 16 → CPI = 240

1930 ⟶ 2023

What is the equivalent of $100 in todays' prices?

Divide new CPI by old CPI: $\frac{240}{16} = 15$

Prices in 2023 are 15 times larger than in 1930

I need 15 times as much money in 2023

$100 ⟶ Multiply $100 times 15 ⟶ **$1,500**

In 2023 I need $1,500 in order to be able to buy as much as my grandfather was able to buy in 1930 with $100

Using the CPI: Comparing values across Cities