

Holograph list of discrepancies between Mint and Exchequer weights.

Author: Isaac Newton

Source: MINT 19/1/130, National Archives, Kew, Richmond, Surrey, UK

<130r>

DXII oz

1. The whole Pile of Mint weights + $24\frac{1}{2}$ grains = the Exchequer Pile of standard Weight

The scale being changed, the Mint Pile – 24 grains = the Exchequer Pile of standard weights

By a medium the whole Piles are equal in weight.

CCLVI oz

2 The outward weight of the Mint pile – 12^{gr} = the outward exchequer weight

The scale being changed, the Mint outward weight – 12^{gr} = outward exchequer weight

By a medium the outward Mint weight – 12^{gr} = outward Exchequer weight.

CXXVIII oz.

3 The outward weight but one of the Mint Pile + 9^{gr} = the like weight of the Exchequer.

LXIV oz.

4 The outward Mint weight but two = the like Exchequer weight

XXXII oz.

5 The outward mint weight but three = the like Exchequer weight

XVI oz.

6 The outward mint weight but four = the like Exchequer weight.

VIII.

7 The outward Mint weight but five = the like Exchequer weight = viij oz

IIII

8 The outward Mint weight byt six = the like Exchequer weight = iiij oz.

II

9 The two ounce Mint weight = the like Exchequer weight = ij oz

I

10 The ounce Mint weight $-\frac{1}{3}^{\text{gr}}$ = the like exchequer weight = j oz

11 The half ounce weight $-\frac{1}{4}^{\text{gr}}$ = the like Exchequer weight = 10^{dw^t}

12 The five penny weight = the like Exchequer weight.

By another tryal of the whole Pile the Mint Pile 6^{gr} too light in one cale & the scale being turned the whole mint Pile was 12^{gr} too heavy. And by a Medium the Mint Pile is 3^{gr} heavier then the Exchequer Pile.
