

# Holograph notes for MINT00322 (/catalogue/record/MINT00322), (Mint 19/2/111-16).

**Author:** Isaac Newton

**Source:** MINT 19/2/67, National Archives, Kew, Richmond, Surrey, UK

---

<67r>

$44\frac{1}{2}$  Guineas should make a pound Troy weight & contain  $11 \times 480 = 5280^{\text{gr}}$  of fine  $\odot$ . They contain  $5278^{\text{gr}}$  as nearly as I can compute by weight & assay together when new out of the Mint. By wearing they lose of that weight, so that  $44\frac{1}{2}$  old Guineas scarce contain 5200 gr.

62 shillings should make a pound Tory  $W^t$  & contain  $11 \text{ } \perp \text{ } 1 \times 480 = 5328^{\text{gr}}$  of fine  $\odot$ . They contain about that weight when new out of the Mint but wear very fast. The sixpences coined 18 years ago, have lost 4 per cent The Shillings 2 per cent. The half crowns  $1\frac{1}{4}$ . The crowns  $\frac{3}{4}$  per cent. So that 62 <sup>sh</sup> in old money contains about  $5110^{\text{gr}}$ . The shillings 5200 the half crowns 5150, & the crowns 5290.

$44\frac{1}{2}$  Guineas are valued at  $44\frac{1}{2}$  1. 1. 6 =  $47^{\text{£}} 16^{\text{s}}.9^{\text{d}}$  And this silver money when new coined contains

$44\frac{1}{2}$  Guineas contain a pound  $W^t$  Troy of stan Gold, or  $11 \times 480 = 5280$  gr of fine Gold, & are valued at  $44\frac{1}{2} \times 21^{\text{s}}.6^{\text{d}} = 47^{\text{£}} 16^{\text{s}}.9^{\text{d}}$ .

$62^{\text{s}}$  make a pound weight of Standard silver & contain  $11 \text{ } \perp \text{ } 1 \times 480^{\text{gr}}$  of fine silver =  $5328^{\text{gr}}$ .

Therefore  $5280^{\text{gr}}$  of fine gold are to  $5328^{\text{gr}}$  of fine silver as  $47.16.9$  to  $3^{\text{£}} 2^{\text{s}}$  that is as 11481 pence to 744 pence or as  $15 \text{ } \perp \text{ } 43$  to 1. And fine Gold is to fine Silver of equal weight as 11481 to  $737 \text{ } \perp \text{ } 2971$  or  $15 \text{ } \perp \text{ } 57168$  to 1, or  $15 \text{ } \perp \text{ } 5717$  to 1, by the law of England.

Gold is to silver in France as 15 to 1 by law.

Spain as 16 to 1 by law

A German Ducat goes in Holland for 5 Guilders 5 Stivers that is for 105 styvers or  $104 \text{ } \perp \text{ } 56 + 5 \text{ } \perp \text{ } 23 = 109 \text{ } \perp \text{ } 79$ . Or  $104 \text{ } \perp \text{ } 1 + 5 \text{ } \perp \text{ } 23 = 103 \text{ } \perp \text{ } 33$  Or  $109 \text{ } \perp \text{ } 3.9^{\text{s}} 1\frac{1}{3}^{\text{d}}$  English. In England it is worth  $9^{\text{s}}.5\frac{9}{10}$ . And as  $9^{\text{s}} 5 \text{ } \perp \text{ } 9$  to the difference  $4 \text{ } \perp \text{ } 56666$  so is  $21.6.$  to  $10^{\text{d}} \text{ } \perp \text{ } 344$ . Thus subducted from  $21^{\text{s}}.6^{\text{d}}$  leaves a Guinea worth  $20^{\text{s}} 7\frac{2}{3}^{\text{d}}$ . Gold to Silver in Holland as  $14\frac{15}{16}$  to 1.

In Italy & Germany tis as  $14\frac{7}{8}$  to 1 or thereabouts.

Gold is in value to Silver of the same weight & allay very nearly as

16 to 1 in Spaon & Portugal

$15\frac{4}{7}$  to 1 in England

15 to 1 in France

$14\frac{7}{8}$  in Holland

$14\frac{5}{6}$  to 1 in Italy

$14\frac{3}{4}$  to 1 in Germany

{

8564

17128

10.2768

16.oz o.dwt in Spain & Portugal

15. 11 10<sup>gr</sup> in England

An ounce of Gold is valued at { 15. 0 in France

14. 18 in Holland

14. 17 in Italy

14. 15 in Germany

9 or 10 in

<67v>

76. 4. 3. 5

77. 7. 0. 1

216. 0. 7. 5

32. 4. 1. 16

20. 6. 18. 15

42. 0. 12. 1 49. 6. 17. 15

162. 9. 2. 13

30. 10. 12. 22

12. 8. 12. 12

116. 5. 8. 18

11. 5. 3. 7

54. 0. 17. 4

160. 3. 15. 20

38. 5. 2. 16

66. 10. 7. 13

8. 9. 9. 2 154. 1. 15. 11

37. 1. 9. 14

46. 2. 9. 4

792. 1. 16. 13

216. 0. 7. 3

487. 6. 05. 4

792. 1. 16. 13

154. 1. 15. 11

28. 9. 4. 9

975. 0. 16. 9

2925

97L 5

3L 2

075

302 5 L 775

15 L 5

5850

46800

156

+ 3. 5

647

12444

20

- 41. 10

422

99552

- 21.10

30.10

M<sup>r</sup> Wadhams Paper of reasons against M<sup>r</sup> Brattell is full of mistakes. S<sup>r</sup> Isaac Newton was the first man who proposed a trial between the Petitioners & affirmed

M<sup>r</sup> Caswal has imported 975<sup>£</sup>. 0<sup>oz</sup>. 16<sup>dwt</sup>. 9 = 46647<sup>£</sup>. 5<sup>s</sup>. 0

M<sup>r</sup> Atwil has imported 487. 6. 5. 4 = 23326. 12. 0

Brassey 250. 9. 9. 23

Weston 112. 5. 8. 23

Gibson 115. 9. 8. 17

Total imported - 2074. 5. 7. 11 = 99530.

15. 9. 10. 21

51. 2. 10. 13

25. 7. 11. 5

27. 9. 4. 16

33. 6. 16. 3

37. 0. 11. 3

21. 3. 0. 6

38. 6. 5. 4

250. 9. 9. 23

|  |                      |
|--|----------------------|
| The total imported in tale             | 99530 <sup>£</sup> . |
| Whereof M <sup>r</sup> Caswel imported | 46647.               |
| M <sup>r</sup> Atwill                  | 23323.               |
| M <sup>r</sup> Brassey                 | 11998                |
| M <sup>r</sup> Gibson                  | 5523                 |
| M <sup>r</sup> Weston                  | <u>6659</u>          |
| All the rest                           | 99530                |

---