

Holograph calculations of Irish coinage values.

Author: Isaac Newton

Source: MINT 19/2/469, National Archives, Kew, Richmond, Surrey, UK

$$\begin{array}{rcl} 110^{\text{gr}} 438 \times 16. & 1752 & \\ & (63 \frac{78}{110}) & \\ & 7008 & \\ & 40 & \\ & 78 & \end{array}$$

438.^{gr}.3066

7 - 48

3018

32)3020(91 $\frac{3}{11}$ gr.

288

140

110

Thirty

480 x 12.

2880

5760

438, 16

1752

7008

5760

480) 1248 (2 $\frac{1}{2}$ & 48^{gr}

960

14^{oz} 12^{dwt} 288

$$\frac{1}{2} 5^{\text{dwt}}.$$

60 halfpence weigh 14 oz & [15]13^{dwt}

$$480^{\text{gr}}. 12$$

2880

5760^{gr} in £W^t Troy.

$$438^{\text{g}}. 16. \quad 7040^{\text{gr}}$$

$$3504 \quad 234. 209. 117^{\text{gr}} \frac{1}{3}$$

$$7008$$

5760

$$120) 1248 \left(10 \frac{48}{120} \cdot 10 \frac{16}{40} = 10 \frac{2}{5} \text{ quarters} = 2 \frac{1}{2} \frac{1}{10} \right)$$

60 half pence weighed 14 oz, 180^{dwt}. 30 old half pence weighed 6 ounces 8^{dwt}. 30 farthings weighed 3 oz. 3 quarters 1^{dwt} 22^{gr}.

$$112, 20 = 2240^{\text{lbwt}} \text{ in a Tunn}$$

67200d in a Tunn

$$336000$$

$$3360000$$

$$16800$$

$$1680$$

$$\underline{\quad 840}$$

$$3715320(392943^{\text{s}} \frac{1}{3})$$

$$309610^{\text{s}} 19464713. 4$$

$$15480.10.$$

$$480,14$$

960

$$6720$$

432

$$7152$$

7014

$$138$$

$$438\frac{3}{8}$$

3507

7014

438

1752

7008

2880

432

32)3312(103 $\frac{1}{2}$

112

96

16

16^{dwt} 6^{gr}

123, 839. (55. 5. 2. 23

1120 5. 12

1183 3 0. 12

1120

639 480

560 2880 480

79 192 2880

23)3072(102 $\frac{2}{5}$ 0 192

32)3312(828(103 $\frac{1}{2}$

3072

the whole coinage amounting to 59 Tuns, 3^D, 1^Q: 11[£]. 4^{oz}

440. 1320

1760

7040

3020

- 233

2787

4800

2400

7200

- 48

7152^{gr} = 30^d.

55. 5. 3. 0. 12

3. 17. 2. 10. 8

58. 22. 5. 11. 0
