

1 frank = 5 grains $14 \frac{2}{5}$ löfl. Silber

1

1 fou (3 löde loam.) = 2 fr. 75 Cent.

1 guld = 26,98 gr. $\frac{896}{1000} \cdot 16$ löffl. = 5 fr. 80 Cent.

1 Pousign = 7,9808 gr. $\frac{917}{1000}$ karatig fein guld = $25 \frac{1}{5}$ fr.

1 quadrat = 27,045 gr. ~~21~~ karatig = 81 fr. 51 Centim.

1 franz. grain (fein, guld) = 1,229556 preuß. grain

5 ————— 6,14778 ———

61 = ————— = $75 \frac{1}{345}$ -----

ARC 40752 / D1-7

2

$$1000 \text{ gram} = \frac{208128}{97500} \cdot 164 \text{ kg. Cal. Germill}$$

10⁷ =

3900

$$\frac{69376.64}{13}$$

$$\phi \text{ kg} = \frac{288^4 \text{ g}}{36}$$

 $\frac{6}{5}$

1

$$\begin{array}{r} 277504 \\ 416256 \\ \hline 4440064 \\ 777944 \\ \hline \end{array} \quad \begin{array}{r} 341543,384615 \\ 540 \end{array}$$

$$1 \text{ gram} = 0,03415433846 \text{ kg}$$

$$10246301538$$

E14

| | | | | | | |
|-----|--------|---|-------|---------------|------------------|---|
| 1 | flügel | = | 1 ♂ | 15. flügelgr. | $3\frac{1}{2}$ g | 3 |
| 7 | | = | 10. | 17. | 1 g | |
| 10 | | = | 15. | 3. | — | |
| 50 | | = | 75. | 15 | — | |
| 100 | | = | 151 ♂ | — | — | |

| | | | | | | | |
|-----|------|-------|---|---------------------|------------------|------|-----------------------|
| 1 | kuhn | leben | = | 1 $\frac{19}{50}$ ♂ | = | 1 ♂ | 11 $\frac{2}{5}$ ggr. |
| 2 | " | | = | 2. | 22 $\frac{2}{5}$ | ggr. | |
| 3 | " | | = | 4. | 4 $\frac{1}{5}$ | | |
| 5 | | | = | 6. | 27 | | |
| 10 | | | = | 13. | 24 | | |
| 30 | | | = | 41. | 12 | | |
| 50 | | | = | 69 | — | | |
| 100 | | | = | 138 | — | | |

ARC 40702 / D1-7

1 *Rayia zuei* = 10 ♂ 11 gr.

11 " " = 115 ♂ -

1 *Yan. Ducatus* = 23 *Del. Gr.*

10 " " " = 10 ♂ 17 gr. com.

#

ARC 40792/101-7

1 engl. Meile = 1760 Yards = 5280 Fuß

5

1 Elle (pole, perch) = $5\frac{1}{2}$ yards

1 Q. Elle (rod) = 1210 Q. z.

1 Acre = 160 Q. Ruffer

1 engl. Fuß = 304,7625 Millimeter

1 franz. Fuß = 324,8394

1 Gallon enthält 10 Pf. Destillirter Myrtel = 4 Quart = 8 pint

1 Maßel = 8 Gallon = 80 Pf²

8 Maßel = 1 Quarter (bushel)

3 Maßel = 1 Bushel, 12 Bushel = 1 Gallon Tuffen.

ARC 40702 101-7

1 Linie = $\frac{25}{47}$ Seuff. Meile

1 □. Linie = $\frac{13}{46}$ (year: 0,283) S. 4 M.

1 kub. L = $\frac{301}{2000}$ kub. S. Meile

1 Seuff. Meile = 23 661 fuß Pfeil. = 3809 Toefen

1 □. Meile = 6158 Meil. 272, 131 □ fuß

1 metr = 3 fuß 2 Zoll 2,8117 Lin. Pfeil. = 458 $\frac{4}{5}$ h.

1 □ metr = 10, 1518 □ f. Pfeil. 5 cub. metr = 23 cub. Linie

1 kub. metr = 32, 3458 L. S. R.

1 Pfeil. fuß = 0, 313926 metr

1 □ f. R = $\frac{197}{2000}$ □ metr

1 kub. L. Pf = $\frac{371}{12000}$ kub. Metr

30 Mey. Vora

41 ~~11~~ cub. flla.

1 metr = 443, 2959 Lin. Paris. 1026 Toefen = 6456, 1 L. f.

71 ... = 31474 . 1 Linie = 4000 Metr = 12744 $\frac{2}{5}$ f. Pf. 48 Toef = 302 f. $\frac{2}{3}$ Zoll. L. = 198 $\frac{2}{27}$ Pf

1 For. t = 144 Lin.

1 Pfeil. f = 139, 13

1 cub. f = 137, 3

100 Zueken = 629 $\frac{1}{4}$ cub. fuß.

40 Kilometr = 5 $\frac{5}{12}$ Seuff. Meile

76 cub. t = 71 Pfeil. fuß

1 Myriometer = 31862 L. Pfeil.

20 Myriam = 27 $\frac{1}{15}$ Seuff. Meile + 30 f. Pfeil.

1 □ Myr. = 1,8227 O. M.

220 O. Myr. = 401 O. M. Seuff.

1 kub Myr. = 2,46 kub. Meile

7 " " = 17,22 " "

1415 " " = 3482 " "

1 Yard engl = 405,3

|| Post. Lin.

(1 $\frac{1}{2}$ - $\frac{5}{208}$) cub. flla

1 Kilogr^m = 2,1346461 \bar{h} = 2 \bar{h} 4 L. $1 \frac{2}{30}$ O. bel. gem.

100 Kil. gr = 213 \bar{h} 15 L.

103 " = 2 Centar $\div \frac{1}{8} \bar{h}$.

1 bel. \bar{h} = 9750, 1 \bar{h} gr = 20812,8. 1 f^omb. \bar{h} = 10080.

1 \bar{h} \bar{h} = 40 \bar{h} \bar{h} = 34 \bar{h} 30 L. $\frac{5}{6}$ O. bel. gem. = 38 $\frac{2}{5}$ f^omb. \bar{h}

1 \bar{h} \bar{h} = 27,9552 bel. Loff = 96 Zulothail

28 \bar{h} \bar{h} = 979 $\frac{1}{31}$ bel. \bar{h}

100 \bar{h} \bar{h} = 31 $\frac{76}{99}$ Centar

1 Zulothail = 1,1648 \bar{h} \bar{h} bel.

für f^omb. in Centar = 130 \bar{h} bel. (circa)

17 \bar{h} in beaucoum = 15 \bar{h} $\div \frac{1}{2}$ Loff bel.

1 feaja in Cadiz = 3480,96 L. b. Zoll bel.

1 belier \bar{h} \bar{h} = 3072 L. b. bel.

15 feaja = 17 bel. \bar{h} \bar{h} .

1 f^omb. \bar{h} = 5041,34 L. Zoll f^omb.

1 bel. \bar{h} \bar{h} = 2770,742 - -

1 \bar{h} \bar{h} = 14657,368 - -

131 bel. \bar{h} \bar{h} = 72 f^omb. $\div \frac{1}{2298}$

Wenn d. f^omb. 7 \bar{h} ; \bar{h} bel. \bar{h} 2 bel. \bar{h} \bar{h} 1 \bar{h} - 9 $\frac{1}{3}$ \bar{h}

(30 \bar{h} ; \bar{h} 8 \bar{h}) ; wenn 29 \bar{h} . \bar{h} : 4 $\frac{1}{4}$ \bar{h} .

1 f^omb. \bar{h} = 105,13 f^omb. ; 8 \bar{h} = 871 f^omb.

1 f^omb. = 29 $\frac{1}{9}$ \bar{h} ; 11 \bar{h} = 20 $\frac{1}{72}$ \bar{h} \bar{h}

800 f^omb. = 60 \bar{h} \bar{h} 15 \bar{h} 13 \bar{h} .

1 Fuß = 12 Zoll

1 Yard = 3 Fuß

1 Saftun = 2 Yard

1 Minde = 880 Saftun

1 Acre = 4840 Quadr. Yard

1 K Kugel = 12 Kugeln, 240 Pfund, 5760 Gran

1 K Auer = 16 Kugeln, 256 Drachmen, 7000 Gran.

1 Gallon = zu fu K Auer, 120 Pfund Wasser, wenn der
Lubel voll = 120 Pfund geringe (Lubel 30 Zoll,
Zinnometer 62° Fahrh.) 252,458 Gran wng.

1 Kubikfuß = 8 Gallonen

1 Auer = 8 Kubikfuß

237

$$36 \neq 12 \frac{8}{8}$$

$$4 = 139 \frac{7}{9}$$

2

$$18 \text{ lbs} = 5 \text{ Cent. } 79 \frac{1}{9} \text{ Pf. Berlin.}$$

$$54 = 17 \cdot 17$$

$$4 = 1 \cdot 29 \frac{2}{9}$$

$$50 = 16 \text{ C. } \div 12 \frac{2}{9} \text{ Pf.}$$

$$100 = 32 \text{ Cent } \div 25 \frac{5}{9}$$

$$100 \text{ lbs} = 31 \text{ Cent. } 84 \frac{4}{9} \text{ Pf.}$$

$$\begin{array}{r} 110 \\ \underline{26} \\ 84 \frac{4}{9} \\ 84 \frac{4}{9} \\ \hline 110 \end{array}$$

~~844444~~

$$\begin{array}{r} 76 \cancel{6} \\ \underline{9 \cancel{1} 99} \end{array}$$

$$31 \frac{2}{9} \div \frac{1}{99} = 100 \text{ lbs}^2$$

$$286 \div \frac{1}{11} = 900 \text{ lbs}^2$$

$$\begin{array}{r} 151 \\ \underline{36} \\ 181 \end{array} \quad \begin{array}{r} 6 \\ \underline{11} \\ 221 \\ \underline{30} \\ 251 \end{array} \quad \begin{array}{r} 151 \\ \underline{11} \\ 261 \end{array}$$

$69\frac{4}{25}$ nuff. Meils = 15 Deuffe Meiles

$$1 \text{ nuff. M.} = 26' 1'' 36''' = \frac{18}{83}$$

$$10 \text{ ————— } 42. 20\frac{1}{4}'$$

$$100 \text{ ————— } 21\frac{''}{16} \text{ D. M.}$$

$$1600 \text{ ————— } 347 -$$

83 nuff = 12

$$800 \text{ ————— } 173\frac{1}{2}$$

$$400 \text{ ————— } 86\frac{3}{4}$$

$$200 \text{ ————— } 43\frac{3}{8}$$

$$600 \text{ ————— } 130\frac{1}{8}$$

$$300 \text{ ————— } 65\frac{1}{16}$$

$$700 \text{ ————— } 151\frac{13}{16}$$

$$1000 \text{ ————— } 216\frac{7}{8}$$

$$500 \text{ ————— } 108\frac{7}{16}$$

$$250 \text{ ————— } 54\frac{7}{32}$$

$$750 \text{ ————— } 162\frac{21}{32}$$

$$75 \text{ ————— } 16\frac{17}{64}$$

$$475 \text{ ————— } 103\frac{1}{64}$$

121 Arffin = 12

ARC 40792/

01-7

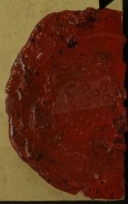
and Lectures
to

in

Berlin

1847

1847



10 th lang. egg. G. M. = 470, 3 S. G. M. 72

1000 mille G. = 47, 03 S. G. M.

100 = 4, 703

200 _____ 9, 406

300 _____ 14, 109

400 _____ 18, 812

500 _____ 23, 515

600 _____ 28, 218

700 _____ 32, 921

800 _____ 37, 623

900 _____ 42, 326

1935 = 91.

43 = 2 $\frac{43}{45}$.

ARC40792/D1-7

| Supr. | Reaum. | Supr. | Reaum. |
|---------------------------------|--------------------------------|----------------------------------|--------------------------------|
| 113° | 36° | 74 ³ / ₄ ° | 19° |
| 110 ³ / ₄ | 35 | 72 ¹ / ₂ | 18 |
| 110 | 34 ² / ₃ | 70 ¹ / ₄ | 17 |
| 108 ¹ / ₂ | 34 | 70 | 16 ⁸ / ₉ |
| 106 ¹ / ₄ | 33 | 68 | 16 |
| 104 | 32 | 65 ³ / ₄ | 15 |
| 101 ³ / ₄ | 31 | 63 ¹ / ₂ | 14 |
| 100 | 30 ² / ₉ | 61 ¹ / ₄ | 13 |
| 99 ¹ / ₂ | 30 | 60 | 12 ⁴ / ₉ |
| 97 ¹ / ₄ | 29 | 59 | 12 |
| 95 | 28 | 56 ³ / ₄ | 11 |
| 92 ³ / ₄ | 27 | 54 ¹ / ₂ | 10 |
| 90 ¹ / ₂ | 26 | 52 ¹ / ₄ | 9 |
| 90 | 25 ² / ₉ | 50 | 8 |
| 88 ¹ / ₄ | 25 | 47 ³ / ₄ | 7 |
| 86 | 24 | 45 ¹ / ₂ | 6 |
| 83 ³ / ₄ | 23 | 43 ¹ / ₄ | 5 |
| 81 ¹ / ₂ | 22 | 41 | 4 |
| 80 | 21 ¹ / ₃ | 40 | 3 ⁵ / ₉ |
| 79 ¹ / ₄ | 21 | 38 ³ / ₄ | 3 |
| 77 | 20 | 36 ¹ / ₂ | 2 |
| 75 | 19 ¹ / ₉ | 34 ¹ / ₄ | 1 |
| | | 33 ¹ / ₈ | ¹ / ₂ |
| | | 32 | 0 |

| Min. | R.F. | | | | |
|------|------|----|-------|-----|-------|
| 1 | 197 | 10 | 1972 | 100 | 19717 |
| 2 | 394 | 20 | 3943 | 105 | |
| 3 | 591 | 30 | 5915 | 110 | 21689 |
| 4 | 789 | 40 | 7887 | 111 | |
| 5 | 986 | 49 | 9661 | 112 | |
| 6 | 1183 | 50 | 9858 | 115 | |
| 7 | 1380 | 60 | 11830 | 117 | |
| 8 | 1577 | 70 | 13803 | 119 | |
| 9 | 1775 | 71 | 14000 | | |
| | | 80 | 15774 | | |
| | | 90 | 17746 | | |

| R.F. | | | |
|------|---------|------|---------|
| 100 | 30 1/2" | 1000 | 5' 4" |
| 200 | 1' 1" | 2000 | 10' 8" |
| 300 | | 3000 | 15' 13" |
| 400 | | 4000 | 20' 17" |
| 500 | | 5000 | 25' 21" |
| 600 | | 6000 | |
| 700 | 3' 33" | 7000 | 35' 30" |
| 800 | | 8000 | |
| 900 | | 9000 | |

| | | | |
|-------|---------|-------|----------|
| 10000 | 50' 43" | 19000 | |
| 11000 | 55' 47" | 21000 | 106' 30" |
| 13000 | | 22000 | |
| 17000 | | 23000 | 116' 38" |

$$220 \text{ engl. Meils} = 47 \text{ preuß. Meils} \left(s = 1 \frac{3}{44} \right)$$

$$485 \text{ --- Fuß} = 471 \text{ --- Fuß}$$

$$23 \text{ Yore} = 67 \text{ --- Fuß} \left(2 \text{ engl. f.} = 3 - \frac{2}{23} \text{ (preuß. f.)} \right)$$

$$53 \text{ Acre} = 84 \text{ --- Morgen} \text{ } \overset{2}{\square} 180 \text{ } \square \text{ R.} \overset{2}{\square} \text{ R.}$$

$$1 \text{ } \square \text{ foot} = 135,808 \text{ preuß. } \square \text{ Zoll}$$

$$123 \text{ } \square \text{ foot} = 116 \text{ pr. } \square \text{ Fuß}$$

$$107 \text{ kub. foot} = 98 \text{ pr. kub. Fuß}$$

(v. Naabyl. 1827, N. 68)

ARC 40752 101-7

16

1 Fagere = 6 f. 9 Zoll $\times \frac{61}{125}$ Lin. Rfein. = 1043,947 Par. Linien

43 = 292 f. 93. 5 L. | 100 = 681 f.

1 Mars = 500 Fag. = $3404\frac{1}{2}$ f. $\div \frac{53}{2000}$.

15 Deuffe meil = 104 W. $131\frac{1}{3}$ Sag. z. $7\frac{1}{10}$ Wersfied

13 Arffien = 30 f. Rfein.

1 ----- = 2 f. 3 Zoll $7\frac{1}{3}$ Lin. Rf.

Oben

den Direktoren des jüdischen Gemeinde-Schule
Luzern

1 Minute = 98 Fuß

7 Zoll

 $\frac{3}{5}$ Lin. Rhein.

| Min. | Fuß |
|----------------|------|
| $\frac{1}{2}$ | 99 |
| 1 | 197 |
| $1\frac{1}{2}$ | 296 |
| 2 | 394 |
| $2\frac{1}{2}$ | 493 |
| 3 | 592 |
| $3\frac{1}{2}$ | 690 |
| 4 | 789 |
| $4\frac{1}{2}$ | 887 |
| 5 | 986 |
| $5\frac{1}{2}$ | 1084 |
| 6 | 1183 |
| $6\frac{1}{2}$ | 1281 |
| 7 | 1380 |
| $7\frac{1}{2}$ | 1479 |
| 8 | 1577 |
| $8\frac{1}{2}$ | 1676 |
| 9 | 1775 |
| $9\frac{1}{2}$ | 1873 |
| 10 | 1972 |

ARC 40° 10' 2" | 101-7