

Estonian traditional measurement units

Units of length.

1 penikoorem (penicillem, literal translation – dog's burden) = 7 versts ~ 7467,53 m

Historical origin of 'penikoorem' is believed to be the distance to which dog's barking could be heard.

1 verst = 500 sülda (fathoms) = 1,066783 km

1 süld (fathom) = 3 arssins = 7 feet = 4 küünart (elbows) ~ 2,1335808 m

1 arssin = 16 verssokit (verses) = 28 tolli (inch) = 71 cm 1 ¹/₅ mm (~71,12 cm)

1 verssok = 4 cm 4 ²/₅ mm (~4,44 cm)

1 foot = 12 inches = 30 cm 4 ⁷/₁₀ mm (~0,3048 m)

1 toll (inch) = 10 liini (lines) = 2 cm 5 ²/₅ mm (~2,54 cm)

1 liin (line) = ~2,54 mm

1 küünar (elbow) = 3/4 arssinat = 21 tolli = 53 cm ³/₁₀ mm (~0,5333 m)

Almost all of these have also the corresponding area units, like 'ruutpenikoorem'. ruut - square

The same with volume units, like 'kantpenikoorem'. kant – cube (in this context)

Units of liquid.

1 Tallinna ankur (anchor) = 32,5 liitrit (litres)

1 vaat (barrel) = 40 pange (buckets) = 492 liitrit

1 pang (bucket) = 10 toopi (toop) = 12,3 liitrit

1 toop = 4 kortlit (cards) = 75 kanttoll (cubic inches) = 1,23 liitrit

Units of grain.

1 setvert = 8 setverikku = 209,91 liitrit

1 setverik = 8 karnitsat (cornices) = 26,24 liitrit

1 karnits (cornice) = 2,67 toopi = 200 kanttoll (cubic inches) = 3,28 liitrit

1 Riia tünder (tun) = 2 Riia vakka (bushels) = 12 külimittu (side measure) = 108 toopi = 132,83 liitrit

1 Riia vakk (bushel) (1923) = 6 külimittu (side measures) = 54 toopi = 4,000 kanttoll = 66,42 liitrit

1 Tallinna sälitus (storage) = 24 tündrit (tuns) = 72 vakka (bushels)

Units of hay.

1 puud = 2 leisikat = 40 naela (pounds) = 16,38112 kg

1 leisikas (pund) = 20 naela (pounds) = 8,1905 kg

1 nael (pound) (marknael) = 409,51 grammi

Units of weight.

1 tonn = 61,05 puuda = 1015,5 kg

1 kaal (weight) = 10 puuda = 163,81 kg

1 puud = 2 punda (leisikat) = 40 naela (pounds) = 16,381 kg

1 leisik (pund) = 20 naela (pounds) = 8,1905 kg

1 nael (pound) = 32 loodi = 96 solotnikku = 409,528 g

1 lood (sound) = 3 solotnikku = 12,797 grammi

1 solotnik = 96 dooli = 4,265 grammi

1 apteegi nael (pharmacy pound) = 84 solotnikku = 358,32 grammi

1 karaat (carat) = 0,2 g

Unit of speed.

1 sõlm (knot) = 1 nautical mile per hour = 0,514 m/s

Units of paper.

1 riis (rice) = 20 raamatut (books)

1 raamat (book) = 24 poognat (bows) (writing paper)

1 raamat (book) = 25 poognat (bows) (printing paper)