

## MASONRY TABLE.

16 cubic feet of Portland stone	1 ton	12½ cubic feet of Granite	... 1 ton
17 ————— Bath stone	... 1 ton	13 ————— Marble	... 1 ton
15 ————— Yorkshire stone	1 ton	14½ ————— Paving stone	1 ton

It is common for masons to reduce their work to 2 feet in thickness.

All stones above 2 inches thick are usually calculated at so much per cubic foot. Work is paid for by the foot superficial appearing outside the wall.

## PLASTERING TABLE.

- 1 bundle of laths, and 500 nails, cover 4½ yards.  
 4½ hundred of lime, 6 loads of sand, 15 bushels of hair, 2 loads of laths, and nails, cover nearly 1 rod, plaster set.  
 3 hundred of lime, 4 loads of sand, and 10 bushels of hair, required for 200 yards of render set.

Single fir laths are less than ¼ inch thick.

Double fir laths are ⅜ of an inch thick.

## SLATING TABLE.

120 slates make	... 1 hundred	Countesses... 1 ft. 10 in. by 0 ft 11 in.
110 Duchesses	... 1 square	Duchesses ... 2 — 2 — by 1 — 3 —
200 Countesses	... 1 square	Rags and } Queens }
		3 — 3 — by 2 — 3 —

## DIGGING TABLE.

1 cubic yard of gravel or earth	... ..	1 load
17 cubic feet of clay	... ..	} 1 ton
18 cubic feet of earth	... ..	
24 cubic feet of sand	... ..	
1 load contains 16½ heaped bushels before digging, and 27 when dug.		

## WELL-SINKING TABLE.

A well 3 feet diam. per foot	44 galls.	A well 7 feet diam. per foot	239 galls.
— 4 —————	73 galls.	— 8 —————	313 galls.
— 5 —————	122 galls.	— 9 —————	396 galls.
— 6 —————	176 galls.	— 10 —————	489 galls.

## WEIGHT OF CATTLE.

Measure round the animal close behind the shoulder, then along the back, from the fore part of the shoulder-blade to the bone at the tail. Multiply the square of the girt by five times the length, both expressed in feet. Divide the result by 21, and you have the weight of the four quarters, in stones of 14 lbs. Thus, if the girt be 6½ feet, multiply it by 6½, making 42¼ feet—then if the length be 5½ feet, multiply by 5, making 26¼ feet: next multiply the results 42¼ by 26¼, and you have 1109 ⅓, this divided by 21, gives 52 stones 11 lbs. as nearly as possible. In very fat cattle, the weight is about a twentieth more than that ascertained in this manner; while very lean ones weigh about a twentieth less. The quarters are little more than half the weight of the animal. The skin weighs about the eighteenth, and the tallow about the twelfth of the beast. Seven millions of money exchange hands annually in Smithfield market.

## HAY AND STRAW.

36 pounds	... make	... 1 truss of Straw
56 pounds	... ..	1 truss of Old Hay
60 pounds	... ..	1 truss of New Hay
36 trusses	... ..	1 load
18 cwt. ...	... ..	1 load of Old Hay
19 cwt. 32 lbs. ...	... ..	1 load of New Hay
11 cwt. 64 lbs. ...	... ..	1 load of Straw
1 square yard of New Hay	... ..	6 stone
1 ————— Oldish Hay	... ..	8 stone
8 ————— Old Hay	... ..	9 stone

Hay is considered as new for three months, and is called old on the 1st of September.

In the English army, a horse in full work is allowed 16 lbs. of hay, and 10 lbs. of corn per day; or 10 lbs. of oats, 12 lbs. of hay, and 8 lbs. of straw per day.

To find the weight of Hay contained in a Stack.—Multiply the length of the stack by its breadth, and multiply the result by its height, all in feet; divide the total by 27, which will give the number of square yards; this multiply by 6, 8, or 9, according to the age of the hay, as above, and the product will be the weight in stones. In measuring the height, allow off two-thirds of the amount of feet from the eaves to the top. Thus, say a stack is 30 feet long and 20 feet broad, this multiplied is 600 feet, the height to the eaves 8 feet, from the eaves to the top 3 feet—take off this last 1, and add it to the 8=9, then multiply 600 by 9=5400; then 5400 divided by 27 gives 200 square yards, and 200 multiplied by 6, makes 1200 stones of new hay.

## WOOL WEIGHT.

7 pounds	... make	... ..	1 clove	... cl.
14 pounds, or 2 cloves	... ..	1 stone	... st.	
2 stones, or 28 lbs. ...	... ..	1 tod	... td.	
6½ tods, or 13 stone, or 182 lbs. ...	... ..	1 wey	... wy.	
2 weys or 364 lbs. ...	... ..	1 sack	... sk.	
12 sacks, or 4368 lbs. ...	... ..	1 last	... la.	
20 pounds ...	... ..	1 score	... sc.	
12 score, or 240 lbs. ...	... ..	1 pack	... pk.	

A German bale is about 350 lbs.

## COAL WEIGHT.

14 pounds	... make	... ..	1 stone
28 pounds	... ..	1 quarter cwt.	
56 pounds	... ..	1 half cwt.	
1 sack of 112 pounds	... ..	1 cwt.	
1 double sack of 224 pounds	... ..	2 cwt.	
20 cwt., or 10 large sacks	... ..	1 ton	
21 tons 4 cwt. ...	... ..	1 barge or keel	
20 keels, or 424 tons	... ..	1 ship load	
140 cwt., or 7 tons	... ..	1 room	

## AVOIRDUPOIS WEIGHT.

16 drachms make	... 1 ounce (oz.)	28 pounds	... 1 quarter (qr.)
16 ounces	... 1 pound (lb.)	4 qrs., or 112 lbs.	1 hundred (cwt.)
14 pounds	... 1 stone (st.)	20 cwt. ...	1 ton (ton.)