



L.D. To the Reader.

Although (gentle Reader) many, excellent in Geometrie, upon infallible groundes haue put forth diuers most certaine and sufficient Rules, touching the measuring of all manner Superficies: yet in that the Arte of numbring hath been required, yea chiefly those Rules hid, and as it were locked up in straunge Tongues, they doe profite (or haue further) very little the most part: Certes nothing at all, the Landmeater, Carpenter, mason, wanting the aforesayd. For their sakes, I am here prouoked not to hide, but to open, and so encrease the Talent which I haue receiued: yea to publish in this our tongue very shortly (if God giue life) a volume containing the flowers of the Sciences Mathematicall, largely applied to our outward practise, profitably pleasaunt to all maner men in this Realme. In the meane time I shall desire the Artificers aboue named to be contented with this little booke (a tast of my goodwill towards them) which I wish euen so to further the Readers, as I knowe it sufficient for the true measuring and readie account of all maner Land, Timber, Stone, Boord, Glasse, Pauement, &c.

Here mine aduise shall be to those Artificers that will profite in this, or any of my bookes, now published, or that hereafter shall be, first confusely to reade them through, then with more iudgement. Reade at the third reading, wittily to practise: So fewe things shall be unknowne. Note, oft diligent reading, ioyned with ingenious practise causeth profitable labour.

Thus most hartely farewell (louing Reader) to whom I wish
my selfe present, to further thy desire and
Practise in these.

The pleasant profit or content of this
little Booke, and in what it exceedeth
all other published.

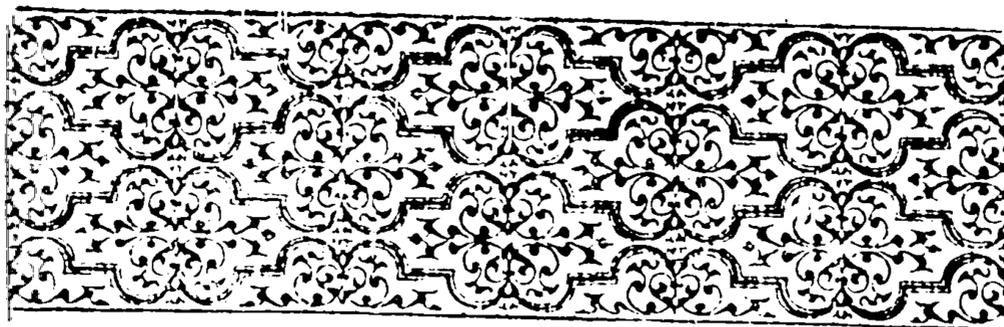


Ther bookes tofore put forth in our English tongue, contrayned onely the bare measuring of Land, Timber, and Boord: how agreeable in all places to the rules of Geometrie, let the learned iudge. Here (gentle Reader) thou shalt plainly perceiue through diligent reading, how to measure truly, and very speedily all maner Land, Timber, Stone, Steeples, Pillers, Globes, Boord, Glasse, Pauement, &c. Without any trouble: not painted with many rules, or obscure tearmes, nor yet with the multitude of Tables, as heretofore hath been: in which not a few errors were committed: for that cause no iust account might any way be had. Further, ye shall by this booke vnderstand the whole making and comely handling of the Carpenters Ruler, with the true measure, &c. And his vse appointed to the ready measuring of all kind of Timber, Stone, Boord, &c. Also the leuellling of grounds, and taking of heights, is pleasantly and diuersly practised by the Ruler. Ye haue here not the common, but the rare vse of the Squire, applied to heights, lengths, &c. And to the finding of the iust houre of the day diuerse waies, through the ayde of pleasant Tables newly adioyned to my generall Prognostication: by the which the proportion of things, direct or squirewise standing, are by their shadowes knowne.

To conclude, in the end of this Booke is added a Treatise, shewing the making, and vse of an Instrument, by which yee shall get lengths, heights, breadths, widenesses, where or howsoever they stand. Other necessarie things are

contained in this little volume, which I

commit to the diligent
Reader.



DIVERS THINGS
conducibile, to the Arte
of Measuring.

The first Chapter.



So there are fewe Craftsmen which Character numerall. have all the kindes of Arithmetike readily: so I do suppose none so ignorant, but that they do, or may easilie perceiue the simple significations of these Characters or figures, 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. And also their strength in the first, second, and third rownes placed.

Besides that, they must be familiar with these and such like fractions.

$\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{4}$ $\frac{1}{5}$ $\frac{1}{6}$ $\frac{1}{7}$ $\frac{1}{8}$ $\frac{1}{9}$ $\frac{1}{10}$. Fractions. The first leftward betokeneth one second part of an whole, be it Pearech, Inch, or any other measure: the next, one third, then one seventh part: the other ensuing, one sixteenth. So one thirtie and two parts of an Inch. Then follow three fourths: foure fiftes. The last is nine tenthes of an Inch: that is nine parts of an Inch, deuided into ten portions.

These I do intende to put in my examples, and in my Tables and margines following, to represent parts of Peareches or Inches. As if I would write halfe an Inch, after