higher up, and in a few days the upper walls in circumference and 23 feet high. may be ready for the floor timbers, but when falling while green. To shew the cheapness house may be raised, Mr. Fowler states that he began the building of the house given materials, and arrived at the following result. roof, which would cost as much as on a brick or stone building :-

Common labor, 44 days at \$12 per ...\$20 00 month Carpenter work..... Mason laying window sills, arches, and levelling wall,..... Line, 250 bush., slacked, at 4 cents per bushel..... Lumber for standards and top of wall 1.000 bricks for window sills and arches..... Board for hands..... Sand, quarrying stones, nails, horse to haul up, use of boards for troughs, etc.

the process repeated, the nails are then drawn, Shewing \$79, or less than £20 currency, the lower box boards taken off, and nailed in the cost of the shell of a house 256 feet because it costs so much to frame other

not hurried it is well to take the matter lime wall also thinks that the square form is angle, and the main question to be considerleisurely to obviate any chance of the walls far inferior to the octagon form in respect to ed is the point affirmed by Mr. Fowler, as the construction of a house. He suggests to whether the octagon house when built and rapidity with which the shell of a large that nature's forms are mostly sphericals, does really contain more space for a given and that fruits, eggs, nuts, grains, seeds, &c .. circumference of wall than the square house. are made spherical in order that they may en- To illustrate this the builder makes a in the Engraving on a Friday morning, lose the most material in the least compass, diagram, representing a house thirty-two and finished on Saturday in the week follow-land as the circle encloses more space than feet square. This square is necessarily 128 ing. He then summoned all hands, calculated any other form, so the octagon, which ap- feet in circumference, and encloses 1024 each man's labour and time, the cost of proximates to the circle, encloses more space square feet of space, but an octagon on the than the square, besides being more con-same scale with a circumference of 128 feet excluding the windows, doors, flooring, and venient, warm and comfortable. He con contains 1218 square feet, so that the tends that it is more convenient because of octagon with the same extent of wall exthe facility for entrance and exit, and the ceeds the square by 194 feet, and gives opportunity afforded by the shape of the a gain of one lifth in space over the square, rooms for making numerous cupboards, points and you have of course the same sized wall of considerable importance in country and for one fifth less money in the cost, or the farm houses. He also contends that it will be shell of a house one lifth larger for the warmer, no unimportant point in a climate same sum, and as this difference is saved 10 00 like our own, because a room in an octagonal in the shell, or as it is technically called the 6 00 house necessarily presents only one side to carcass of the house, so also it is saved in the the wind, whereas in a detached square foundation, plastering, painting, white washhouse there are commonly two, sometimes ing, &c., and appertains to materials, labor, as in a room running the whole depth of the and everyting required in the construction. house three sides exposed to the wind, and 15 00 it would obviously be more comfortable if it were at the same time warmer and better dence, of which we are enabled to present \$79 00 fitted with interior conveniences.

People have hitherto built at right angles, langles, but in the new style of building it is The builder of this house of gravel and just as easy to build an octagon as a right

> The author thus describes his own resithe cut:

