the top, the third of 9 added to 7 make 10 for the height:
$30 \times 20 \times 10 = 6000 \div 7 = 857 \div 40 = 21 - 17$. —Answer, 857
trusses, or 21 tons and 17 trusses.   Some allowance should
be made for the loose outside of the stack, and therefore
extreme admeasurement should not be taken.   Hay is con-
sidered as new for three months, and is called old on the 1st
of September.

The Cost of Growing Weeds.

Each plant of common groundsel produces 2,080 seeds;
of dandelion, 2,700; of sowthistle, 11,040; and of spurge,
540; total, 16,360 plants springing from four weeds annually,
that will cover just about three acres and a half of land at
three feet apart.   To hoe land costs, say, 6s. per acre, so
that the allowing four such weeds to produce their seed may
involve an expense of a guinea.   In other words, a man
throws away 5s. 3d. a time as often as he neglects to bend
his back to pull up a young weed, before it begins to fulfil
the first law of nature.

RECEIPTS.

For Rendering Canvas Waterproof and Pliable.

Boil 1 lb. of yellow soap in 6 pints of water, and add the
solution, while hot, to 1 cwt. of any paint.   When this has
been applied and become dry, paint the canvas again with
any paint.

For Preserving Out-door Woodwork.

Boil together 1 gallon of coal tar, 2½ lbs. of white cop-
peras, and lay it on hot.

To Clean Carpets.

Two gallons of soft water, 4 oz. of ammonia, ½ lb. of
soft soap, boiled together and applied with flannel, and then
rubbed with a dry cloth.   The above is a good purifier of
floors.