

COMPOUND RULES.

IV.—Page 38.

- (1.) 36 of each. (2.) 11 ft. (3.) 10.36767 yds. (4.) $9\frac{4}{9}$.
 (5.) 6 women's shares=18 men's shares.
 8 children's " =16 women's " =48 men's shares
 Hence, $4+18+48=70$ men's shares.
 And $\frac{2640.70}{70}=\$37.72\frac{1}{2}$, a man's share.
 Then, $3\times \$37.72\frac{1}{2}=\$113.17\frac{1}{2}$, a woman's share.
 $2\times \$113.17\frac{1}{2}=\226.35 , a child's share.
 (6.) 81 ac. 1 r. 32 p. (7.) 424 lbs. 14 dwts. $6\frac{1}{2}$ grs.
 (8.) $89\frac{111}{356}$ qrs. (9.) Income $\times \frac{\$2\frac{1}{2}}{100}=\6250 $\therefore$ In
 come= $\$300000$. (10.) A, 60 ac. 3 r. 24 p. B, 89 ac.
 3 r. $4\frac{2}{5}$ p. C, 99 ac. 1 r. $25\frac{1}{5}$ p. D, 198 ac. 3 r. $10\frac{2}{5}$ p.

V.—Page 39.

- (1.) 18662400. (2.) 4 fur. 22 pr. 2 yds. 1 ft. 4 in.
 (3.) $\$1.35$ per bushel. (4.) 16s. $3\frac{1}{2}$ d. (5.) Art. 42.
 (6.) $\$15213.66$. (7.) Art. 20. (8.) $366\frac{5324}{1541}$ ($=366\frac{1}{4}$
 nearly.) (9.) $\$3327.08$. (10.) 271.

VI.—Page 41.

- (1.) 67 times; 4 inches. (2.) 1438 acres. (3.)
 $30303\frac{1}{3}$. (4.) $\$3187.20$. (5.) For 8 oz. read 80 oz.
 $2\frac{1}{8}$ oz.; $\$3.90$. (6.) $\pounds 782$ 2s. $8\frac{1}{2}$ d. (7.) 328 times;
 $\pounds 5$ 7s. 6d. remd. (8.) 1 oz. 5 drs. 2 sc. $14\frac{1}{3}$ grs. (9.)
 258. (10.) $\$44387.20$.

VII.—Page 42.

- (1.) Art. 46. (2.) The required length must be the
greatest common measure of the three given numbers
 $=9$. (3.) Art. 49. The required number of acres must
 evidently be a *common multiple* of the given numbers.