

VII.

PROPORTION.

1. If 12 yds. of cloth cost \$15, what will 8 yds. cost?
2. If 57 cwt. of sugar cost \$216, what will 95 cwt. cost?
3. If the yearly rent of a farm of 182 acres be \$273, what is the rent of a part of it containing 42 acres?
4. If 385 yards of linen cost \$63, how many yards can be bought for \$18?
5. If 96 men reap 40 acres of grain in a week, how many men will reap 65 acres in the same time?
6. How many men would perform in 168 days a piece of work which 108 men can perform in 266 days?
7. If 84 sheep can be grazed in a field for 12 days, how long might 112 sheep be grazed in the same field?
8. A garrison of 2100 men, supplied with provisions for 9 weeks, receives a reinforcement of 600 men; how long will the provisions last?
9. When the price of a dozen books is \$14.75, what will a score cost?
10. A farmer has 12 men who can mow his hay in 10 days, but he wishes the work done in 8 days; how many additional men must he employ?
11. What will 10 boxes of oranges cost, if $3\frac{1}{3}$ boxes cost \$5 $\frac{1}{4}$?
12. If I walk $2\frac{1}{2}$ miles in $\frac{3}{4}$ of an hour, how far can I walk in $5\frac{1}{4}$ hours?
13. If $1\frac{3}{4}$ bushels of potatoes last a family 2 weeks, how long will $5\frac{1}{2}$ bushels last?
14. If $3\frac{1}{2}$ barrels of apples cost \$14, how many barrels can be bought for \$20?
15. $\frac{1}{5}$ of a race is 500 yards, how long will $\frac{7}{25}$ be?