

G (*Metric System*).

1. What is the price of a can of coffee containing $47\frac{1}{4}$ Kg. at 2·20 francs the Kg.?
2. If the average weight of 5 packages is 4·625 kilos, and the weights of four of them are 3·675 kilos, 8·675 kilos, 2·25 kilos, and 7·725 kilos; what is the weight of the fifth?
3. If I walk 6·056 Km. in an hour, how far shall I go in 6 hrs. 48 min.? How many miles shall I go, allowing a kilometre to be $\frac{5}{8}$ of a mile?
4. From 19·06 Km. take 354·406 m.
5. At 7¢ a litre, what will a decalitre of milk cost?
6. A druggist put up half a kilo of opium in boxes containing $1\frac{1}{2}$ grams each. How many boxes did he need?
7. How many grains of opium did each box contain?
8. A litre of air weighs 1·3 grams; what will be the weight of air in a room 3 m. long, $2\frac{1}{2}$ m. wide and 2 m. high?
9. Into how many lots of 3·75 a. may 8·40 Ha. be divided?
10. A vessel when empty weighs 1·02 Kg.; when full of pure water it weighs 3·8 Kg. Find the capacity of the vessel in litres.
11. A train which travels 56·25 kilometres an hour take $3\frac{1}{4}$ hours between two stations. What is the distance between them in metres?
12. I can buy 526·2 kilos at \$157·15 the kilo; what would be the price per kilo, if I bought 1841·7 kilos for the same money?
13. A man cut 75·60 m. of wire into pieces each 25 mm. long, and sold them at 6¢ a doz.; how much did he receive?
14. A cask weighs 227·5 Kg. more full than empty; how many Hl. will 29 such casks hold?