

9. A butcher buys one bullock weighing 382 kilos at 1·35 fr. a kilo, another bullock weighing 341 kilos at 1·25 fr. a kilo, a cow weighing 280 kilos at 0·95 fr. a kilo, and a calf weighing 59 kilos at 1·75 fr. a kilo. Find the total cost.

10. What quantity of tea at 8·75 fr. a kilo ought to be given in exchange for 700 kilos of sugar at 1·35 fr. a kilo?

11. At 1·5 cents a kilo, what will 3·25 tons of hay cost?

12. At \$8 a ton, what will the coal cost to supply a factory for a week, if 250 kilos are burned each day?

13. If 7·25 kilos cost 399 francs, find the cost of 43·5 kilos.

14. How many loads of earth, each equal to a cubic metre, will it take to fill an excavation 4 Dm. long, 8 m. wide and 2·4 m. deep?

15. What is the value of a nugget of gold 2·6 cm. long, 2·3 cm. wide and 0·65 cm. thick at \$15·40 a cu. cm.?

16. What is the length in metres of a gravel walk which is 2·4 m. wide and covers an area of 89·1 sq. m.?

17. What is the height in metres of a wall which is 180 m. long, 0·625 m. thick and contains 562·5 cu. m.?

18. Make out the following bill:—

52·25 Hl. of wine at 2·45 francs a litre,

18 Hl. of wheat at 18·25 francs per Hl.,

·1 ton of sugar at 1·05 francs a kilo,

135·5 m. of plank at 1·20 francs a metre.

22·5 steres of wood at 17·50 francs a stere.

19. The wheel of a locomotive is $4\frac{1}{2}$ m. in circumference; owing to the state of the rails it loses 15 turns in every 100 revolutions. What distance is gone over in 56,100 turns of the wheel?