

ARTICLE 118.

Promiscuous Examples.

Find the cost of

1. $4\frac{1}{2}$ lb. of starch at $6\frac{2}{3}$ cts. a pound.
2. $10\frac{2}{8}$ oz. silver bullion at $82\frac{1}{2}$ cts. an ounce.
3. $15\frac{3}{4}$ bu. of wheat at $83\frac{1}{8}$ cts. a bushel.
4. $19\frac{3}{8}$ lb. of flour at $4\frac{4}{5}$ cts. a pound.
5. $66\frac{2}{8}$ rods of fence at $97\frac{1}{2}$ cts. a rod.
6. $24\frac{3}{4}$ yds. of cloth at $\$1\frac{2}{5}$ a yard.
7. $13\frac{7}{8}$ acres of land at $\$53\frac{1}{8}$ an acre.
8. $12\frac{3}{8}$ oz. of gold at $\$18\frac{1}{2}$ an ounce.
9. $101\frac{9}{18}$ lb. of tobacco at $44\frac{4}{5}$ cts. a pound.
10. $8\frac{1}{20}$ tons of hay at $\$13\frac{1}{5}$ a ton.
11. $54\frac{9}{18}$ bls. of oil at $\$8\frac{8}{5}$ a barrel.
12. $266\frac{2}{8}$ bu. of salt at $37\frac{1}{2}$ cts. a bushel.
13. $7\frac{1}{2}$ lb. of opium at $\$9\frac{9}{5}$ a pound.
14. $57\frac{5}{9}$ yds. of flannel at $24\frac{3}{4}$ cts. a yard.
15. $156\frac{1}{4}$ gal. of brandy at $\$6\frac{2}{5}$ a gallon.
16. $53\frac{1}{8}$ cu. ft. of stone at $18\frac{3}{4}$ cts. a cubic foot.
17. $318\frac{3}{8}$ cu. yds. of excavation at $11\frac{1}{4}$ cts. a cubic yard.

18. $10\frac{9}{16}$ days work at $\$2\frac{2}{5}$ a day.
19. $19\frac{2}{3}$ doz. eggs at $22\frac{1}{2}$ cts. a dozen.
20. $13\frac{9}{2}$ bu. of plums at $\$1\frac{2}{5}$ a bushel.
21. $35\frac{3}{8}\frac{5}{4}$ cords of wood at $\$3\frac{1}{5}$ a cord.
22. What number divided by $6\frac{3}{4}$ will give $13\frac{1}{8}$ for a quotient?
23. Find the cost of $325\frac{4}{5}$ bu. of wheat at $\$1.16\frac{2}{3}$ per bushel.
24. A pedestrian accomplished a journey in $8\frac{3}{8}$ days of $10\frac{1}{2}$ hrs. each, at the rate of $3\frac{3}{5}$ miles per hour. What was the distance?
25. A speculator owning $155\frac{5}{8}$ acres of land, exchanged $\frac{4}{15}$ of it for flour, at the rate of $12\frac{1}{2}$ bls. per acre. How many barrels did he receive?
26. A farmer sold $6\frac{2}{3}$ casks of cider, each containing $27\frac{3}{8}$ gal., at $48\frac{4}{5}$ cts. a gallon. What did he receive for it?

27. A clerk earned $\frac{3}{4}$ of $\frac{1}{2}$ of $\$156\frac{1}{4}$ a month for $10\frac{1}{2}$ mo., and saved $\frac{1}{2}$ of it. How much did he save?

28. Hay worth $\$18\frac{3}{4}$ a ton was sold for $\frac{5}{8}$ of its value. What was received for $\frac{1}{2}$ of $9\frac{1}{2}$ tons?

29. Find the value of a block of marble 6 ft. 6 in. long, 5 ft. 4 in. wide, and 4 ft. 3 in. thick, at $\$3\frac{3}{8}$ a cubic foot.

30. A wholesale merchant imported 12 boxes of broadcloth, each containing $12\frac{1}{2}$ bolts of $31\frac{1}{4}$ yds. per bolt, at a cost of $\$2\frac{5}{8}$ per yard. What was the value of the cloth?

31. Two steamers started at the same time, one from Pittsburg to Cairo, at the rate of $11\frac{1}{2}$ miles per hour; the other from Cairo to Pittsburg, at the rate of $9\frac{3}{10}$ miles per hour. If they met in $46\frac{7}{8}$ hrs., what is the distance from Pittsburg to Cairo?

32. Find the cost of excavating a cellar 33 ft. 4 in. long, 20 ft. 3 in. wide, and 6 ft. 6 in. deep, at $\$1\frac{2}{5}$ a cubic yard.

33. A retail merchant bought $69\frac{3}{8}$ yds. of silk at $\$1\frac{9}{10}$ a yard, but was obliged to sell $\frac{2}{3}$ of it for $\frac{4}{5}$ of its value. How much did he receive for it?

34. A room is $18\frac{3}{4}$ ft. long, and $15\frac{3}{4}$ ft. wide. Find the cost of carpeting the floor, at $\$1\frac{3}{8}$ a square yard.

35. A owns $56\frac{1}{4}$ acres of land, B owns $\frac{1}{10}$ as much as A, C has $\frac{2}{3}$ as much as B, and D $\frac{1}{2}$ as much as C. How many acres have all together?

ANSWERS.

ARTICLE 118.

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| 1. | 30 cts. | 10. | $\$114\frac{9}{10}$ | 19. | $\$4.42\frac{1}{2}$ | 28. | $\$80\frac{1}{2}$ |
| 2. | $\$8.80.$ | 11. | $\$453\frac{24}{5}$ | 20. | $\$25\frac{1}{2}$ | 29. | $\$497\frac{1}{4}$ |
| 3. | $\$13.12\frac{1}{2}$ | 12. | $\$100.$ | 21. | $\$113\frac{3}{4}$ | 30. | $\$13281\frac{1}{4}$ |
| 4. | 93 cts. | 13. | $\$74\frac{1}{10}$ | 22. | 90. | 31. | 975 mi. |
| 5. | $\$65.$ | 14. | $\$14.24\frac{1}{2}$ | 23. | $\$380\frac{1}{10}$ | 32. | $\$36\frac{2}{5}$ |
| 6. | $\$39\frac{3}{5}$ | 15. | $\$1000.$ | 24. | 336 mi. | 33. | $\$35\frac{8}{10}$ |
| 7. | $\$740.$ | 16. | $\$10.$ | 25. | $518\frac{3}{4}$ bl. | 34. | $\$52\frac{1}{2}$ |
| 8. | $\$233\frac{1}{10}$ | 17. | $\$35.87\frac{1}{2}$ | 26. | $\$89.06.$ | 35. | $200\frac{1}{10}$ A. |
| 9. | $\$45.50.$ | 18. | $\$25\frac{7}{10}$ | 27. | $\$450.$ | | |