ARTICLE 114.—CASE II.

Subtraction of Fractions.

What is the difference between

1. $\frac{5}{8}$ and $\frac{11}{12}$?
2. $\frac{7}{12}$ and $\frac{4}{9}$?
3. $\frac{9}{16}$ and $\frac{13}{24}$?
4. $\frac{11}{15}$ and $\frac{5}{9}$?
5. $\frac{9}{10}$ and $\frac{21}{25}$?
6. $\frac{7}{18}$ and $\frac{16}{45}$?
7. $\frac{13}{16}$ and $\frac{27}{40}$?
8. $\frac{14}{15}$ and $\frac{17}{24}$?

9. $\frac{11}{12}$ and $\frac{25}{32}$?

10. $\frac{48}{65}$ and $\frac{15}{26}$?

11. Subtract $8\frac{5}{9}$ from $10\frac{19}{24}$.

12. Subtract $12\frac{9}{20}$ from $16\frac{16}{25}$.

13. Subtract $22\frac{13}{18}$ from $33\frac{11}{16}$.

14. Subtract $50\frac{8}{15}$ from $75\frac{21}{50}$.

15. Subtract $100\frac{15}{22}$ from $200\frac{18}{55}$.

16. From $222\frac{65}{96}$ take $110\frac{55}{64}$.

17. From $375\frac{53}{72}$ take $210\frac{95}{108}$

18. From $888\frac{8}{9}$ take $443\frac{68}{75}$.

19. From $967\frac{24}{65}$ take $666\frac{25}{39}$.

20. From 1000 take $\frac{1}{1000}$.

21. What is the difference between $\frac{22}{333}$ and $\frac{27}{407}$?

22. $300 - 66\frac{4}{9} - 55\frac{11}{18} - 44\frac{19}{30} - 33\frac{14}{45} =$ what?

23. $68\frac{3}{4} - 17\frac{9}{10} - (7\frac{3}{20} + 8\frac{7}{25} + 9\frac{31}{50}) =$ what?

24. $6\frac{3}{5} + 5\frac{5}{9} - (15\frac{8}{15} - 10\frac{2}{45}) =$ what?

25. What fraction added to $\frac{64}{133}$ will equal $\frac{85}{171}$?

26. The greater of two numbers is $127\frac{40}{221}$, and their difference is $32\frac{37}{255}$. Find the smaller number.

27. A worked $22\frac{31}{48}$ days, and B $19\frac{29}{60}$ days. How much longer did A work than B?

28. C husked $100\frac{29}{40}$ bu. of corn, and D $1\frac{11}{24}$ bu. less. How many bushels did both husk?

29. A certain number is as much less than $8\frac{3}{8}$ as $10\frac{19}{20}$ is greater than $6\frac{2}{5}$. What is that number?

30. There is a number which is as much less than $39\frac{5}{12}$ as $60\frac{17}{24}$ is greater than $46\frac{13}{18}$. Find the number.

31. A trader sold a horse for $\$125\frac{9}{10}$, by which he gained $\$10\frac{1}{2}$. How much would he have gained had he sold him for $\$140\frac{2}{5}$?

32. A can do a piece of work in $9\frac{2}{9}$ days; B can do

the same work in $1\frac{3}{5}$ days less, and C can do it in $1\frac{8}{15}$ days less than B. In what time can C do it?

33. From a barrel of flour there was taken at one time $50\frac{7}{8}$ lb., and at another $45\frac{9}{40}$ lb. How many pounds remained in the barrel?

34. A lady bought some dress goods for $\$12\frac{3}{4}$, trimmings for $\$5\frac{2}{5}$, gloves for $\$1\frac{7}{10}$, lace for $\$3\frac{3}{20}$, and muslin for $\$2\frac{8}{25}$; she gave the clerk a fifty-dollar bill, and received $\$24\frac{29}{50}$ change. How much was this incorrect?

35. A owns $82\frac{3}{16}$ acres of land, which is $11\frac{11}{20}$ acres more than B's. If C's is $73\frac{37}{80}$ acres less than A's and B's combined, how many acres have B and C together?

36. A laborer worked $25\frac{7}{12}$ days in June, $2\frac{31}{48}$ days less in July, and $4\frac{19}{24}$ days less in August than in July. How many days did he work altogether?

37. C built $144\frac{15}{44}$ rods of fence, D $12\frac{16}{55}$ rods less, and E built $8\frac{97}{220}$ rods less than B. How many rods did all build?

38. A man lost $\$17\frac{3}{4}$; he afterward borrowed $\$17\frac{19}{25}$, and then had $\$100$. How much had he at first?

ANSWERS.

ARTICLE 114.

1. $\frac{7}{24}$
2. $\frac{5}{36}$
3. $\frac{1}{48}$
4. $\frac{8}{45}$
5. $\frac{3}{50}$
6. $\frac{1}{80}$
7. $\frac{11}{80}$
8. $\frac{9}{40}$
9. $\frac{13}{96}$
10. $\frac{21}{180}$

11. $2\frac{17}{72}$
12. $4\frac{19}{100}$
13. $10\frac{139}{144}$
14. $24\frac{133}{150}$
15. $99\frac{71}{110}$
16. $111\frac{157}{192}$
17. $164\frac{185}{216}$
18. $444\frac{221}{225}$
19. $300\frac{142}{195}$
20. $999\frac{999}{1000}$

21. $\frac{1}{8668}$
22. $100.$
23. $25\frac{4}{5}$
24. $6\frac{2}{3}$
25. $\frac{1}{63}$
26. $95\frac{7}{195}$
27. $3\frac{13}{80}$ da.
28. $199\frac{119}{120}$ bu.
29. $3\frac{38}{40}$

30. $25\frac{25}{48}$
31. \$25.
32. $6\frac{4}{45}$ da.
33. $99\frac{9}{10}$ lb.
34. $\$\frac{1}{10}$
35. 150 A.
36. $66\frac{2}{3}$ da.
37. 400 rds.
38. $\$99\frac{99}{100}$