

ARTICLE 115.

Multiplication of Fractions.

Find the product of

1.  $\frac{3}{8}, \frac{5}{9}, \frac{16}{25}$
2.  $\frac{7}{11}, \frac{12}{35}, \frac{25}{36}$
3.  $\frac{5}{6}, \frac{8}{15}, \frac{27}{32}, \frac{24}{25}$
4.  $\frac{11}{12}, \frac{15}{22}, \frac{19}{45}, \frac{27}{49}, \frac{28}{57}$
5.  $\frac{13}{17}, \frac{25}{32}, \frac{51}{55}, \frac{48}{65}, \frac{44}{81}$
6.  $\frac{7}{18}, \frac{28}{39}, \frac{25}{42}, \frac{27}{50}, \frac{48}{49}, \frac{18}{58}$
7.  $\frac{15}{8}, \frac{14}{13}, \frac{18}{19}, \frac{38}{21}, \frac{4}{25}, \frac{65}{36}$
8.  $\frac{35}{18}, \frac{23}{21}, \frac{64}{27}, \frac{57}{50}, \frac{63}{52}, \frac{78}{55}, \frac{99}{78}$
9.  $\frac{10}{7}, \frac{74}{63}, \frac{129}{65}, \frac{98}{75}, \frac{91}{86}, \frac{125}{84}, \frac{162}{111}$
10.  $\frac{98}{23}, \frac{105}{29}, \frac{87}{31}, \frac{76}{51}, \frac{85}{84}, \frac{92}{57}$
11.  $1\frac{1}{2}, 3\frac{1}{8}, 5\frac{1}{4}, 6\frac{2}{5}, 7\frac{1}{7}$
12.  $\frac{8}{9}, 1\frac{2}{3}, 3\frac{3}{4}, 4\frac{4}{5}, 5\frac{5}{6}, 6\frac{6}{7}$
13.  $1\frac{1}{6}, 1\frac{1}{7}, 1\frac{1}{8}, 1\frac{1}{9}, 1\frac{1}{10}, 1\frac{1}{11}, 1\frac{1}{12}, 1\frac{1}{13}, 1\frac{1}{14}$
14.  $\frac{1}{8}, \frac{2}{5}, 2\frac{2}{7}, \frac{8}{9}, \frac{4}{11}$
15.  $2\frac{1}{2}, 2\frac{2}{3}, 2\frac{4}{5}, 2\frac{2}{7}, 2\frac{5}{8}, 2\frac{2}{9}, 2\frac{7}{10}, 1\frac{41}{84}$
16.  $3\frac{3}{4}, \frac{64}{225}, 33\frac{1}{3}, \frac{25}{98}, 18\frac{3}{4}, \frac{82}{125}$
17.  $12, \frac{13}{45}, 4\frac{11}{25}, \frac{5}{81}, 2\frac{1}{37}, \frac{16}{125}, 2\frac{81}{82}$
18.  $\frac{8}{15}, (6\frac{2}{3} - 2\frac{1}{2}), \frac{9}{16}, (9\frac{3}{5} - 7\frac{1}{2})$
19.  $\frac{12}{25}, (8\frac{8}{9} + 3\frac{1}{8}), \frac{15}{88}, (9\frac{1}{11} + 2\frac{1}{2})$
20.  $56\frac{1}{4}, (5\frac{5}{11} + 1\frac{2}{3}), \frac{128}{141}, (12\frac{1}{2} - 5\frac{5}{8})$
21.  $(66\frac{2}{3} - 44\frac{4}{9}), (43\frac{3}{4} - 37\frac{1}{2}), (12\frac{4}{5} - 11\frac{37}{50}), (\frac{33}{55} - \frac{16}{25})$

# ANSWERS.

## ARTICLE 115.

- |    |                |     |       |     |                      |     |                 |
|----|----------------|-----|-------|-----|----------------------|-----|-----------------|
| 1. | $\frac{2}{15}$ | 7.  | 1.    | 12. | $1066\frac{2}{3}$    | 17. | $\frac{16}{25}$ |
| 2. | $\frac{5}{38}$ | 8.  | 14.   | 13. | $2\frac{1}{2}$       | 18. | $2\frac{5}{8}$  |
| 3. | $\frac{9}{25}$ | 9.  | 10.   | 14. | $\frac{1024}{10895}$ | 19. | 15.             |
| 4. | $\frac{1}{14}$ | 10. | 100.  | 15. | 1000.                | 20. | 2500.           |
| 5. | $\frac{2}{9}$  | 11. | 1200. | 16. | $44\frac{4}{9}$      | 21. | 1.              |
| 6. | $\frac{1}{49}$ |     |       |     |                      |     |                 |