

Answers to Multiply Mixed Fractions Worksheet 1

1. $3\frac{2}{3} \times 4\frac{1}{2} = \frac{11}{3} \times \frac{9}{2} = \frac{99}{6} = \frac{33}{2} = 16\frac{1}{2}$
2. $4\frac{2}{3} \times 2\frac{3}{4} = \frac{14}{3} \times \frac{11}{4} = \frac{154}{12} = \frac{77}{6} = 12\frac{5}{6}$
3. $2\frac{1}{2} \times 2\frac{2}{4} = \frac{5}{2} \times \frac{10}{4} = \frac{50}{8} = \frac{25}{4} = 6\frac{1}{4}$
4. $2\frac{1}{2} \times 2\frac{1}{4} = \frac{5}{2} \times \frac{9}{4} = \frac{45}{8} = 5\frac{5}{8}$
5. $3\frac{3}{4} \times 4\frac{1}{2} = \frac{15}{4} \times \frac{9}{2} = \frac{135}{8} = 16\frac{7}{8}$
6. $4\frac{1}{2} \times 4\frac{2}{3} = \frac{126}{6} \cdot 21 =$
7. $4\frac{1}{3} \times 4\frac{2}{4} = \frac{13}{3} \times \frac{18}{4} = \frac{234}{12} = \frac{39}{2} = 19\frac{1}{2}$
8. $3\frac{2}{4} \times 4\frac{2}{3} = \frac{14}{4} \times \frac{14}{3} = \frac{196}{12} = \frac{49}{3} = 16\frac{1}{3}$
9. $3\frac{1}{2} \times 3\frac{1}{3} = \frac{7}{2} \times \frac{10}{3} = \frac{70}{6} = \frac{35}{3} = 11\frac{2}{3}$
10. $2\frac{1}{2} \times 3\frac{3}{4} = \frac{5}{2} \times \frac{15}{4} = \frac{75}{8} = 9\frac{3}{8}$
11. $2\frac{1}{4} \times 3\frac{1}{2} = \frac{9}{4} \times \frac{7}{2} = \frac{63}{8} = 7\frac{7}{8}$
12. $2\frac{2}{4} \times 2\frac{1}{3} = \frac{10}{4} \times \frac{7}{3} = \frac{70}{12} = \frac{35}{6} = 5\frac{5}{6}$
13. $2\frac{2}{3} \times 3\frac{2}{4} = \frac{8}{3} \times \frac{14}{4} = \frac{112}{12} = \frac{28}{3} = 9\frac{1}{3}$
14. $2\frac{3}{4} \times 2\frac{1}{3} = \frac{11}{4} \times \frac{7}{3} = \frac{77}{12} = 6\frac{5}{12}$
15. $2\frac{3}{4} \times 2\frac{2}{3} = \frac{11}{4} \times \frac{8}{3} = \frac{88}{12} = \frac{22}{3} = 7\frac{1}{3}$
16. $4\frac{1}{3} \times 4\frac{1}{2} = \frac{13}{3} \times \frac{9}{2} = \frac{117}{6} = \frac{39}{2} = 19\frac{1}{2}$

Answers to Multiply Mixed Fractions Worksheet 2

1. $3\frac{1}{3} \times 4\frac{1}{2} = \frac{90}{6} \cdot 15 =$
2. $2\frac{1}{2} \times 4\frac{1}{4} = \frac{5}{2} \times \frac{17}{4} = \frac{85}{8} = 10\frac{5}{8}$
3. $2\frac{2}{4} \times 2\frac{2}{3} = \frac{10}{4} \times \frac{8}{3} = \frac{80}{12} = \frac{20}{3} = 6\frac{2}{3}$
4. $2\frac{1}{2} \times 4\frac{3}{4} = \frac{5}{2} \times \frac{19}{4} = \frac{95}{8} = 11\frac{7}{8}$
5. $3\frac{1}{2} \times 2\frac{2}{4} = \frac{7}{2} \times \frac{10}{4} = \frac{70}{8} = \frac{35}{4} = 8\frac{3}{4}$
6. $2\frac{3}{4} \times 4\frac{2}{3} = \frac{11}{4} \times \frac{14}{3} = \frac{154}{12} = \frac{77}{6} = 12\frac{5}{6}$
7. $3\frac{2}{4} \times 3\frac{1}{3} = \frac{14}{4} \times \frac{10}{3} = \frac{140}{12} = \frac{35}{3} = 11\frac{2}{3}$
8. $2\frac{2}{3} \times 3\frac{1}{4} = \frac{8}{3} \times \frac{13}{4} = \frac{104}{12} = \frac{26}{3} = 8\frac{2}{3}$
9. $2\frac{1}{4} \times 2\frac{1}{2} = \frac{9}{4} \times \frac{5}{2} = \frac{45}{8} = 5\frac{5}{8}$
10. $2\frac{1}{4} \times 2\frac{2}{3} = \frac{72}{12} \cdot 6 =$
11. $2\frac{2}{4} \times 2\frac{1}{2} = \frac{10}{4} \times \frac{5}{2} = \frac{50}{8} = \frac{25}{4} = 6\frac{1}{4}$
12. $2\frac{2}{3} \times 2\frac{1}{2} = \frac{8}{3} \times \frac{5}{2} = \frac{40}{6} = \frac{20}{3} = 6\frac{2}{3}$
13. $3\frac{1}{4} \times 2\frac{1}{3} = \frac{13}{4} \times \frac{7}{3} = \frac{91}{12} = 7\frac{7}{12}$
14. $2\frac{1}{2} \times 2\frac{2}{3} = \frac{5}{2} \times \frac{8}{3} = \frac{40}{6} = \frac{20}{3} = 6\frac{2}{3}$
15. $4\frac{2}{3} \times 2\frac{2}{4} = \frac{14}{3} \times \frac{10}{4} = \frac{140}{12} = \frac{35}{3} = 11\frac{2}{3}$
16. $4\frac{3}{4} \times 4\frac{1}{2} = \frac{19}{4} \times \frac{9}{2} = \frac{171}{8} = 21\frac{3}{8}$

Answers to Multiply Mixed Fractions Worksheet 3

1. $3\frac{2}{4} \times 2\frac{2}{3} = \frac{14}{4} \times \frac{8}{3} = \frac{112}{12} = \frac{28}{3} = 9\frac{1}{3}$
2. $3\frac{1}{2} \times 2\frac{3}{4} = \frac{7}{2} \times \frac{11}{4} = \frac{77}{8} = 9\frac{5}{8}$
3. $3\frac{3}{4} \times 3\frac{1}{2} = \frac{15}{4} \times \frac{7}{2} = \frac{105}{8} = 13\frac{1}{8}$
4. $3\frac{1}{2} \times 4\frac{2}{3} = \frac{7}{2} \times \frac{14}{3} = \frac{98}{6} = \frac{49}{3} = 16\frac{1}{3}$