Name : _____   Score : _____

Teacher : _____   Date : _____

Multiplying Mixed Numbers

1) $2\dfrac{1}{3} \times 3\dfrac{2}{3} =$

2) $2\dfrac{1}{2} \times 4\dfrac{1}{7} =$

3) $3\dfrac{3}{5} \times 2\dfrac{2}{7} =$

4) $3\dfrac{3}{8} \times 4\dfrac{3}{5} =$

5) $2\dfrac{1}{3} \times 2\dfrac{8}{9} =$

6) $4\dfrac{1}{2} \times 2\dfrac{2}{5} =$

7) $4\dfrac{1}{5} \times 2\dfrac{1}{2} =$

8) $2\dfrac{1}{2} \times 3\dfrac{1}{8} =$

9) $3\dfrac{3}{5} \times 3\dfrac{7}{8} =$

10) $3\dfrac{2}{5} \times 2\dfrac{1}{3} =$

11) $2\dfrac{1}{2} \times 3\dfrac{1}{5} =$

12) $4\dfrac{2}{3} \times 2\dfrac{2}{5} =$

13) $4\dfrac{4}{9} \times 3\dfrac{1}{2} =$

14) $3\dfrac{1}{2} \times 3\dfrac{2}{9} =$

15) $4\dfrac{2}{7} \times 2\dfrac{1}{3} =$

Multiplying Mixed Numbers

1) $2\frac{1}{3} \times 3\frac{2}{3} = \dfrac{7 \times 11}{3 \times 3} = \dfrac{77}{9} = \qquad 8\frac{5}{9}$

2) $2\frac{1}{2} \times 4\frac{1}{7} = \dfrac{5 \times 29}{2 \times 7} = \dfrac{145}{14} = \qquad 10\frac{5}{14}$

3) $3\frac{3}{5} \times 2\frac{2}{7} = \dfrac{18 \times 16}{5 \times 7} = \dfrac{288}{35} = \qquad 8\frac{8}{35}$

4) $3\frac{3}{8} \times 4\frac{3}{5} = \dfrac{27 \times 23}{8 \times 5} = \dfrac{621}{40} = \qquad 15\frac{21}{40}$

5) $2\frac{1}{3} \times 2\frac{8}{9} = \dfrac{7 \times 26}{3 \times 9} = \dfrac{182}{27} = \qquad 6\frac{20}{27}$

6) $4\frac{1}{2} \times 2\frac{2}{5} = \dfrac{9 \times 12}{2 \times 5} = \dfrac{108}{10} = \dfrac{54}{5} = 10\frac{4}{5}$

7) $4\frac{1}{5} \times 2\frac{1}{2} = \dfrac{21 \times 5}{5 \times 2} = \dfrac{105}{10} = \dfrac{21}{2} = 10\frac{1}{2}$

8) $2\frac{1}{2} \times 3\frac{1}{8} = \dfrac{5 \times 25}{2 \times 8} = \dfrac{125}{16} = \qquad 7\frac{13}{16}$

9) $3\frac{3}{5} \times 3\frac{7}{8} = \dfrac{18 \times 31}{5 \times 8} = \dfrac{558}{40} = \dfrac{279}{20} = 13\frac{19}{20}$

10) $3\frac{2}{5} \times 2\frac{1}{3} = \dfrac{17 \times 7}{5 \times 3} = \dfrac{119}{15} = \qquad 7\frac{14}{15}$

11) $2\frac{1}{2} \times 3\frac{1}{5} = \dfrac{5 \times 16}{2 \times 5} = \dfrac{80}{10} = 8$

12) $4\frac{2}{3} \times 2\frac{2}{5} = \dfrac{14 \times 12}{3 \times 5} = \dfrac{168}{15} = \dfrac{56}{5} = 11\frac{1}{5}$

13) $4\frac{4}{9} \times 3\frac{1}{2} = \dfrac{40 \times 7}{9 \times 2} = \dfrac{280}{18} = \dfrac{140}{9} = 15\frac{5}{9}$

14) $3\frac{1}{2} \times 3\frac{2}{9} = \dfrac{7 \times 29}{2 \times 9} = \dfrac{203}{18} = \qquad 11\frac{5}{18}$

15) $4\frac{2}{7} \times 2\frac{1}{3} = \dfrac{30 \times 7}{7 \times 3} = \dfrac{210}{21} = 10$