

Name : _____

Topic: Math – Adding Mixed Fractions with Unlike Denominators

DIRECTIONS: Add. Express your answer as a mixed number and reduce the fraction to its simplest form when necessary.

a) $1\frac{1}{4} + 1\frac{1}{3} = 1\frac{3}{12} + 1\frac{4}{12} = 2\frac{7}{12}$

b) $3\frac{1}{3} + 5\frac{1}{6} = 3\frac{2}{6} + 5\frac{1}{6} = 8\frac{3}{6} = 8\frac{13}{2}$

c) $7\frac{1}{3} + 4\frac{1}{2} = 7\frac{2}{6} + 4\frac{3}{6} = 11\frac{5}{6}$

d) $1\frac{1}{3} + 8\frac{2}{5} = 1\frac{5}{15} + 8\frac{6}{15} = 9\frac{11}{15}$

e) $4\frac{3}{5} + 5\frac{1}{2} = 4\frac{6}{10} + 5\frac{5}{10} = 9\frac{11}{10} = 10\frac{1}{10}$

f) $7\frac{2}{3} + 4\frac{1}{4} = 7\frac{8}{12} + 4\frac{3}{12} = 11\frac{11}{12}$

g) $2\frac{5}{16} + 3\frac{3}{4} = 2\frac{5}{16} + 3\frac{12}{16} = 5\frac{17}{16} = 6\frac{1}{16}$

h) $2\frac{1}{4} + 5\frac{8}{10} = 2\frac{5}{20} + 5\frac{16}{20} = 7\frac{21}{20} = 8\frac{1}{20}$

i) $9\frac{6}{9} + 2\frac{2}{5} = 9\frac{30}{45} + 2\frac{18}{45} = 11\frac{48}{45} = 12\frac{3}{45} = 12\frac{1}{15}$

j) $8\frac{1}{9} + 1\frac{2}{10} = 8\frac{10}{90} + 1\frac{18}{90} = 9\frac{28}{90} = 9\frac{14}{45}$