

Section 7.3 Extra Practice

1. Put the following steps in order by writing a 1, 2, or 3 beside each step.
When adding mixed numbers with *like* denominators,
____ add the fractions ____ reduce to lowest terms ____ add the whole numbers
2. Match the steps described in column B with what you see done in column A.
Write the letter of the correct step in the blank provided.

A	B
a) $1\frac{4}{5} + 2\frac{3}{4} = 1 + 2 + \frac{4}{5} + \frac{3}{4}$	____ Write the answer in lowest terms.
b) $\quad = 3 + \frac{4}{5} + \frac{3}{4}$	____ Write the fractions using a common denominator.
c) $\quad = 3 + \frac{16 + 15}{20}$	____ Add the numerators.
d) $\quad = 3 + \frac{31}{20}$	____ Write the improper fraction as a mixed number.
e) $\quad = 3 + 1\frac{11}{20}$	____ Add the whole numbers.
f) $\quad = 4\frac{11}{20}$	____ Separate the fractions and whole numbers.

3. Add. Write each answer in lowest terms.

$$\text{a) } 2\frac{1}{5} + 5\frac{2}{5} = \underline{\quad} + \underline{\quad} + \frac{1}{5} + \frac{\square}{\square}$$

$$= \underline{\quad} + \frac{\square + \square}{\square}$$

$$= \underline{\quad} \frac{\square}{\square}$$

$$\text{b) } 4\frac{2}{4} + 5\frac{3}{4}$$

$$\text{c) } 6\frac{5}{8} + 6\frac{1}{8}$$

$$\text{d) } 3\frac{5}{8} + 6\frac{3}{4}$$

$$\text{e) } 3\frac{7}{12} + 8\frac{3}{10}$$