Subtracting Fractions with Borrow, and Adding Fractions with Carry

Subtract these numbers, fractions or mixed numbers. Show ALL working.

1) $7\frac{1}{4} - 3\frac{3}{4}$ _____

2) $5\frac{2}{7} - 1\frac{4}{7}$ _____

3) $6 - 2\frac{3}{8}$ _____

4) $9\frac{2}{5} - 4\frac{7}{15}$ _____

5) $12\frac{1}{4} - 7\frac{3}{5}$ _____

6) $10 - 2\frac{3}{10}$ _____

Now <u>add</u> these numbers, fractions or mixed numbers. Follow these steps:

- Add the fractions first. You may have to put over a common denominator.
- If the sum of the fractions give an improper fraction (more than a whole), change it to a mixed number, write only the fraction part and **carry** the whole.
- Add the whole numbers, including the carried whole number if there is one.

7) $2\frac{3}{8} + 1\frac{7}{8}$ _____

8) $3\frac{6}{11} + 4\frac{8}{11}$ _____

9) $\frac{4}{5} + 3\frac{3}{5}$ _____

10) $12\frac{7}{8} + 4\frac{3}{4}$ _____

11) $2\frac{5}{9} + \frac{2}{3}$ _____

12) $\frac{11}{20} + 3\frac{3}{5}$ _____

I affirm that this test was done under test conditions. Parent signature: _____

Subtracting Fractions with Borrow, and Adding Fractions with Carry Answers

Do not give this to the student.

If the student does not reduce their final answer, don't mark it incorrect, but show them where they could have done so.

1) $7\frac{1}{4} - 3\frac{3}{4}$ → $6\frac{5}{4}$

$3\frac{2}{4}$ OR $3\frac{1}{2}$

2) $5\frac{2}{7} - 1\frac{4}{7}$ → $4\frac{9}{7}$

$3\frac{5}{7}$

3) $6\frac{8}{8} - 2\frac{3}{8}$ → 5

$3\frac{5}{8}$

4) $9\frac{2}{5} - 4\frac{7}{15}$ → $8\frac{21}{15}$

$4\frac{14}{15}$

5) $12\frac{1}{4} - 7\frac{3}{5}$ → $11\frac{25}{20}$

$4\frac{13}{20}$

6) $10\frac{10}{10} - 2\frac{3}{10}$ → 9

$7\frac{7}{10}$

7) $2\frac{3}{8} + 1\frac{7}{8}$

$\frac{10}{8} = 1\frac{2}{8}$

$4\frac{2}{8}$ OR $4\frac{1}{4}$

8) $3\frac{6}{11} + 4\frac{8}{11}$

$\frac{14}{11} = 1\frac{3}{11}$

$8\frac{3}{11}$

9) $\frac{4}{5} + 3\frac{3}{5}$

$\frac{7}{5} = 1\frac{2}{5}$

$4\frac{2}{5}$

10) $12\frac{7}{8} + 4\frac{3}{4}$ → $4\frac{6}{8}$

$\frac{13}{8} = 1\frac{5}{8}$

$17\frac{5}{8}$

11) $2\frac{5}{9} + \frac{2}{3}$ → $\frac{6}{9}$

$\frac{11}{9} = 1\frac{2}{9}$

$3\frac{2}{9}$

12) $\frac{11}{20} + 3\frac{3}{5}$ → $\frac{12}{20}$

$\frac{23}{20} = 1\frac{3}{20}$

$4\frac{3}{20}$

