Adding and Subtracting Fractions & Mixed Numbers

Pre-Algebra
Ms. Brunsting

Chapter 5 Homework

Write and solve the problems on notebook paper.

Easy Peasy. Remember to reduce.

1. $\frac{3}{11} + \frac{5}{11}$
2. $\frac{10}{17} - \frac{4}{17}$
3. $\frac{3}{8} + \frac{1}{8}$
4. $4\frac{1}{5} + 8\frac{3}{5}$
5. $14\frac{2}{9} + 30\frac{5}{9}$
6. $9\frac{7}{12} - 6\frac{3}{12}$

Common Denominator. Remember to reduce.

7. $\frac{1}{15} + \frac{2}{3}$
8. $\frac{3}{4} + \frac{1}{20}$
9. $\frac{7}{8} - \frac{1}{2}$
10. $11\frac{2}{3} + 5\frac{1}{12}$
11. $20\frac{5}{9} - 6\frac{1}{3}$
12. $43\frac{15}{16} - 25\frac{3}{4}$

Zip-Zap-Zup. Remember to reduce.

13. $\frac{2}{5} + \frac{1}{4}$
14. $\frac{3}{8} + \frac{1}{3}$
15. $\frac{5}{7} - \frac{2}{3}$
16. $\frac{9}{10} - \frac{3}{4}$
17. $5\frac{1}{2} + 4\frac{2}{5}$
18. $18\frac{3}{7} + 11\frac{1}{4}$
19. $8\frac{4}{5} - 3\frac{1}{2}$
20. $24\frac{5}{8} - 16\frac{2}{5}$

Carry Over. Show your work.

21. $7\frac{4}{5} + 2\frac{1}{3}$

22. $32\frac{2}{3} + 15\frac{5}{6}$

Borrow. Show your work.

23. $8\frac{1}{4} - 3\frac{3}{8}$

24. $36\frac{2}{5} - 11\frac{3}{4}$

Solve. Show your work.

25. Amanda rode her bicycle 3 ¼ miles on Monday and 4 $^{3}/_{5}$ miles on Tuesday. How many total miles did she ride?

26. There were 12 ½ cups of cement in a bag. David used 3 ¾ cups to fix the patio. How much cement was left in the bag?

27. It rained 1 $^{2}/_{5}$ inches on Friday, ½ inch on Saturday, and 2 ¼ inches on Sunday. How many inches of rain fell in total?

