Let's Practice! Basic Skills Level 1 Test C

Special Note: You need to be proficient in ALL four number operations in both fractions AND decimals in order to be able to pass each level! And, in order to pass each section, you *must* pass *two* out of every three of the questions. A good strategy is to do the TWO that you are absolutely positive that you CAN do, skip to the next section, then come BACK and do the ones you skipped at the end.

Fractions Simplify. Be sure to reduce to lowest terms or to a mixed number, if necessary. If you don't remember how to do any of the problems, go back & review the sections on www.mathbugsme.com

1. $\dfrac{2}{6} + \dfrac{1}{6}$

2. $\dfrac{3}{5} + \dfrac{2}{3}$

3. $\dfrac{1}{4} + \dfrac{2}{3} + \dfrac{3}{8}$

4. $\dfrac{7}{8} - \dfrac{2}{8}$

5. $4\dfrac{1}{5} - 2\dfrac{1}{4}$

6. $\dfrac{9}{10} - \dfrac{4}{5}$

7. $\dfrac{5}{6} \cdot \dfrac{1}{2}$

8. $\dfrac{9}{10} \cdot \dfrac{25}{18}$

9. $3\dfrac{3}{8} \cdot 2\dfrac{2}{5}$

10. $\dfrac{6}{10} \div \dfrac{4}{5}$

11. $\dfrac{8}{9} \div \dfrac{4}{27}$

12. $\dfrac{1}{4} \div \dfrac{1}{2}$

Decimals
Simplify. If you don't remember how to figure out how to simplify, go back and look at your notes from math class! Mrs. S-S has not yet made up pages on the website for decimals.

13. 45.035 + 0.0082

14. 0.025 + 345.8 + 5.94

15. 1.03 + 345.8 + 90.784

16. 7530.3 − 45.827

17. 7 − 3.269

18. 54.402 − 0.98

19. 26.426 · 3

20. 0.345 · 78.2

21. 892.301 · 0.15

22. 3.61092 ÷ 3

23. 942.012 ÷ 0.4

24. 298.32 ÷ 0.0012