**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_**

**Stuff You Should Already Know…**

Answer the following questions without the use of a calculator:

A. Integers (and BEDMAS)

 1) $-14+ -7=$ 2) $\frac{-54}{9}=$

 3) $-52- \left(-35\right)=$ 4) $\left(-2\right)\left(-2\right)\left(3\right)=$

 5) $\left(-3\right)^{3}=$ 6) $\left(5-7\right)^{6}=$

 7) $\frac{3+\left(-11\right)}{\left(-4\right)-\left(-2\right)}=$ 8) $15-3\left(-2-3\right)=$

B. Fractions (put answers in lowest terms)

 1) $\frac{5}{7}+2\frac{1}{3}=$ 2) $7\frac{1}{5}÷9=$

 3) $10\frac{2}{5}-5\frac{3}{4}=$ 4) $\left(-\frac{5}{6}\right)\left(2\frac{1}{2}\right)\left(\frac{9}{10}\right)=$

 5) $\left(\frac{3}{4}-\frac{1}{5}\right)^{2}=$ 6) $\left(-1\frac{3}{4}\right)-\left(-2\frac{7}{8}\right)=$

C. Algebra (solve the following equations and inequalities)

 1) $5x-4=-14$ 2) $4m-3=7-m$

 3) $-2x+21=-11$ 4) $3\left(n-2\right)+n=-10$

 5) $-2\left(5-2x\right)=4\left(x-6\right)+14$ 6) $\frac{4x-2}{3}=x+2$

 7) $2x+6>3x+32$ 8) $-4-6n\leq 28$