10-12-18

Aim: SWBAT do their best on the STAR test.

HW: Review Sheet due Tuesday

Test Wednesday

Do Now: Report to C-211

UNIT 01B – FRACTIONS AND MIXED NUMBERS – REVIEW

A. State the Greatest Common Factor. Use it to write each fraction in simplest form.

GCF:	GCF:	GCF:	GCF:
$\frac{12}{20}$	$\frac{28}{49}$	$\frac{60}{25}$	$\frac{18}{15}$

B. State the Least Common Denominator (LCD) for each pair.

$\frac{1}{4} and \frac{-2}{3}$	$\frac{11}{5} and -1\frac{1}{6}$	$\frac{5}{16} and \frac{3}{20}$	$\frac{13}{12} and 2\frac{11}{36}$

C. Change each fraction to a mixed number.

$\frac{10}{3}$	$\frac{-25}{6}$	$\frac{15}{4}$	$\frac{32}{-7}$

D. Change each mixed number into an improper fraction.

$2\frac{1}{6}$	$-5\frac{2}{3}$	$-4\frac{3}{4}$	$3\frac{7}{10}$

E. Write the additive inverse for each.

$3\frac{7}{8}$	$-9\frac{1}{3}$	$-\frac{1}{4}$	-14

F. Write the multiplicative inverse for each.

$3\frac{7}{8}$	$-9\frac{1}{3}$	$-\frac{1}{4}$	-14

G. Evaluate if a = $\frac{1}{2}$

a^2	$-a^2$

H. Zero or Undefined?

$\frac{1}{0}$	$\frac{0}{12}$	$\frac{0}{-25}$	$\frac{4}{0}$

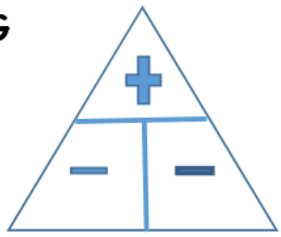
ADDING and SUBTRACTING WITH SIGNS

I. Write the answer, in simplest form, on the line provided. Show work.

$4\frac{2}{5} - 2\frac{1}{4}$ = _____	$6 + 2\frac{5}{7}$ = _____	$3\frac{1}{5} + (-3\frac{1}{2})$ = _____

$3\frac{1}{7} - 10$ = _____	$-5\frac{1}{3} + \left(-6\frac{2}{3}\right)$ = _____

MULTIPLYING AND DIVIDING WITH SIGNS



J. Write the answer, in simplest form, on the line provided. Show work.

$\left(2\frac{2}{5}\right)\left(2\frac{1}{4}\right) =$ _____	$-7 \div -2\frac{1}{3} =$ _____	$\left(\frac{1}{5}\right)\left(-3\frac{1}{2}\right) =$ _____

$-1\frac{1}{7} \div \frac{16}{49} =$ _____	$\left(-\frac{1}{3}\right)(-6) =$ _____