Algebra I Weds 11-14-12 Class Notes

④ ID2 $h(t) = 1 + \frac{7}{4}(t)$, $h\left(-\frac{1}{10}\right)$

QUIZ

$h\left(-\frac{1}{10}\right) = 1 + \frac{7}{4}\left(-\frac{1}{10}\right)$

$h\left(-\frac{1}{10}\right) = 1 - \frac{7}{40}$

REVIEW

$= \frac{40}{40} - \frac{7}{40}$

$\boxed{h\left(-\frac{1}{10}\right) = \frac{33}{40}}$

(t, u)

$\left(-\frac{1}{10}, \frac{33}{40}\right)$

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⑦ ID1 $f(N) = 4N - 1$ $f(-2N)$

$f(-2N) = 4(-2N) - 1$

$\boxed{f(-2N) = -8N - 1}$

$(-2N, -8N-1)$

(N, m)

↑ PICK

(9) ID1 $g(N) = 2N - 5$ find $g(3+N)$

$g(3+N) = 2(3+N) - 5$

$g(3+N) = 6 + 2N - 5$

$\boxed{g(3+N) = 1 + 2N}$

(5) ID2 $w(a) = 1 + \frac{5}{4}a$, $w(\frac{1}{8})$

$w(\frac{1}{8}) = 1 + \frac{5}{4}(\frac{1}{8})$

$= 1 + \frac{5}{32}$

$= \frac{32}{32} + \frac{5}{32}$

$\boxed{w(\frac{1}{8}) = \frac{37}{32}}$

WORKSHEET Review

(24) $K(x) = \frac{5}{3}(x) + \frac{7}{5}$ FIND $K(-2)$

$$\downarrow$$

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

$$K(-2) = -\frac{10}{3} + \frac{7}{5}$$

$$K(-2) = -\frac{50}{15} + \frac{21}{15}$$

$$\boxed{K(-2) = -\frac{29}{15}}$$

(x, y)

$\left(-2, \frac{-29}{15}\right)$

(25) $-8(N-1) + 7(N+2) < 24$

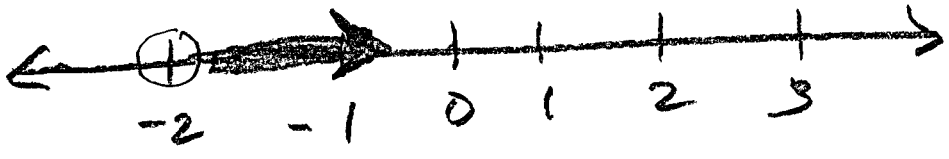
$-8N + 8 + 7N + 14 < 24$

$-1N + 22 < 24$

$-22 \quad -22$

$\frac{-1N}{-1} < \frac{2}{-1}$

$N > -2$



(29) $-3(8a-6)+8(a-5) > -22$

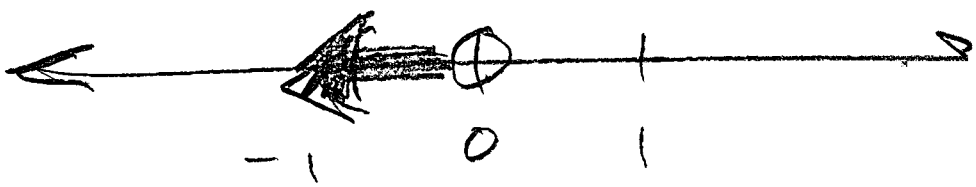
$-24a+18+8a-40 > -22$

$-16a-22 > -22$

$+22 \quad +22$

$\frac{-16a}{-16} > \frac{0}{-16}$

$a < 0$



(Ex)