Alg 1 Class Notes
Thurs. 8-23-12

(40) $-1 \overset{+}{(-)} \frac{13}{7}$

$-\frac{1}{1} + \frac{13}{7}$

$-\frac{7}{7} + \frac{13}{7} = \boxed{\frac{6}{7}}$

(46) $-\frac{3}{2} (+) \frac{3}{2}$

$-\frac{3}{2} - \frac{3}{2} = -\frac{6}{2} = -\frac{3}{1} = \boxed{-3}$

(56) $(0)\left(-\frac{3}{2}\right) = \boxed{0}$

(62) $\left(\frac{11}{\cancel{6}_{2}}\right)\left(\frac{1}{2}\right)\left(-\frac{\overset{3}{\cancel{9}}}{5}\right) = \boxed{-\frac{33}{20}}$

$\left(\frac{11}{4}\right)\left(-\frac{3}{5}\right)$

CONSTANT — VARIABLE

① 10 less than N

$N - 10$

CASE SENSITIVE
T = temperature
t = time

② Z squared is equal to 9

$$z^2 = 9$$

LEFT SIDE — RIGHT SIDE

⑰ half of b is equal to 17

$$\frac{b}{2} = 17$$

same

$\frac{b}{2}$ = coefficient

$6b$

$$\frac{1}{2}b = 17$$

N

(23) the sum of (a number) and 6 (is equal to) 41

$$N + 6 = 41$$

(33) $p + 8p \quad p = 6 \quad 8 = 4$

$$(6) + (4)(6)$$

$$6 + 24 = \boxed{30}$$

$P \in (\overrightarrow{MD})(\overrightarrow{AS})$

(69) $y^2 - y - x - z \quad x = 5 \quad y = 5 \quad z = 1$

$$(5)^2 - (5) - (5) - (1)$$

$$25 - 5 - 5 - 1$$

$$20 - 5 - 1$$

$$15 - 1 = \boxed{14}$$