Solve for W

$$\frac{S}{2}\left(\frac{5TW - 4A}{K_3}\right) - 1B = G$$

$$W = \frac{\left(\frac{G+B}{S}\right)K + A}{T}$$

Bellwork #2: Solve for Q.

$AB - QC = W$ $\quad Q = \frac{W - AB}{-C}$

State the restrictions on the variables.

$C \neq 0$

Solve this equation for Y. State restrictions on the variables.

$\frac{RY - B}{G} = K$

Y = $\frac{KG + B}{R}$

Restrictions:

$R \neq 0$
$G \neq 0$

Solve this equation for A. State restrictions on the variables.

$AC - AE = N$

First factor out A from the left side

$A(C-E) = N$

$\frac{A(C-E)}{C-E} = \frac{N}{C-E}$

$A = \frac{N}{C-E}$

A = $\frac{N}{C-E}$

$C - E \neq 0$

or

$C \neq E$

Solve for E. State restrictions on the variables.

$$\frac{P}{E} + Y = D$$
$$-Y \quad -Y$$

$$E = \frac{P}{D-Y}$$

$$E \cdot \frac{P}{E} = (D-Y)E$$

$$P = (D-Y)E$$
$$D-Y \quad D-Y$$

$$D-Y \neq 0$$
or
$$D \neq Y$$