Algebra 2 Bellwork Tuesday, August, 28, 2018

1. Solve this equation for Q.

$AB - QC = W$

2. Solve this equation for K.

$G(K + E) - X = D$

3. Solve this equation for M.

$\frac{M + H}{R} + Z = J$

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ANSWERS

1. Solve this equation for Q.

$AB - QC = W$

$-AB \quad -AB$

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

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

2. Solve this equation for K.

$G(K+E) - X = D$

$+X \quad +X$

$\frac{G(K+E)}{G} = \frac{D+X}{G}$

$K+E = \frac{D+X}{G}$

$-E \quad -E$

$K = \frac{D+X}{G} - E$

— OR —

$G(K+E) - X = D$

$GK + GE - X = D$

$-GE \quad +X \quad -GE+X$

$\frac{GK}{G} = \frac{D-GE+X}{G}$

$K = \frac{D-GE+X}{G}$

3. Solve this equation for M.

$\frac{M+H}{R} + Z = J$

$-Z \quad -Z$

$R \cdot \left(\frac{m+H}{R}\right) = (J-Z) \cdot R$

$m+H = R(J-Z$

$-H \quad -H$

$m = R(J-Z)-$