(10) $\frac{2}{A} = \frac{B}{D} + \frac{E}{F}$ For F

$ADF\left(\frac{2}{A}\right) = ADF\left(\frac{B}{D}\right) + ADF\left(\frac{E}{F}\right)$

$2DF = ABF + ADE$

$2DF - ABF = ADE$

$F(2D - AB) = ADE$

$\frac{F(2D-AB)}{2D-AB} = \frac{ADE}{2D-AB}$

$F = \frac{ADE}{2D-AB}$

(11) $A = \frac{B+C}{B+D}$ For B

$A(B+D) = (B+D)\left(\frac{B+C}{B+D}\right)$

$AB + AD = B + C$

$AB - B = C - AD$

$B(A-1) = C - AD$

$\frac{B(A-1)}{A-1} = \frac{C-AD}{A-1}$

$B = \frac{C-AD}{A-1}$