2.4. Multistep Equations And Formulas

Clearing Fractions

It is easier to work without fractions. So, we get rid of them by multiplying by a common denominator

$\dfrac{a}{5} - \dfrac{a}{6} = 1$ To clear the fractions multiply each side by the least common denominator

Multiply each term by 30

$(30)\dfrac{a}{5} - (30)\dfrac{a}{6} = (30)1$

6a - 5a = 30   Solve

a = 30

Check

p 68 - 70 1,3,5,7,10,15, 18