

# C12 - 11.9 - nPr nCr Algebra WS

Solve for the missing variable,  $n$ .

$$\frac{n!}{(n-2)!} = 72$$

$${}_n C_2 = 6$$

$${}_n C_2 = 21$$

$${}_n P_2 = 42$$

$${}_n P_2 = 20$$

$${}_n C_3 = 10$$

$${}_n P_3 = 120$$

$${}_3 C_r = 3$$