

## N4 Maths E+F 1·1b

## Worksheet 3

**Outcome 1 - Factorising with  
a numerical common factor**

Factorise the following expressions...



$7x + 21$



$5r - 45$



$72z + 40$



$80b - 70$



$63y - 18$



$121t - 11$

**Outcome 2 - Factorising with  
the common factor as a letter**

Factorise the following expressions...



$x^2 + 8x$



$p^2 - 3p$



$2m + m^2$



$7k^2 - k^3$



$s^3 - 9s^2$



$6b^2 + b$

**Outcome 3 - Factorising  
with the common factor  
as a letter and a number**Fully factorise the  
following expressions...

$2x^2 + 4x$



$5q^2 + 15q$



$24t^2 - 16t$



$2h^3 + 12h^2$



$27d^3 - 72d^2$



$9e^2 + 6e^3$