

**Outcome 1 - Common Factor**

Factorise the following expressions...

1

$x^2 + 4x$

2

$u^2 - 8u$

3

$r^3 - 3r^2$

4

$5g^2 + g^3$

Outcome 2 - Difference of 2 Squares

Factorise the following expressions...

1

$16x^2 - 9y^2$

2

$121a^2 - 100b^2$

3

$25g^2 - 144h^2$

4

$r^2 - 225y^2$

5

$90\,000z^2 - y^2$

Outcome 3 - Trinomials

Factorise the following expressions...

1

$x^2 + 5x - 6$

2

$y^2 + 5y - 36$

3

$q^2 - 5q - 24$

4

$w^2 - 9w - 36$

5

$g^2 - 11g + 18$