Factorising Quadratic Expressions

Factorise:

1   $x^2 + 8x + 15$

1...................................... ☐

2   $x^2 + 11x + 18$

2...................................... ☐

3   $x^2 - 9x + 14$

3...................................... ☐

4   $x^2 - 9x + 20$

4...................................... ☐

5   $x^2 + 6x - 16$

5...................................... ☐

6   $x^2 - 7x + 12$

6...................................... ☐

7   $y^2 - 9y - 10$

7...................................... ☐

8   $a^2 + 5a - 24$

8...................................... ☐

Minimum mark	6	5	4	2	
Circle grade	A	B	C	D	E

$$\frac{}{8}$$

Extension Problem

Solve this equation by factorising

$x^2 + 10x + 9 = 0$

x = ...

x = ... ☐