ZERO PERIOD
We Believe in Learning

1. Factorise:

(a) *3x-9*

(b) $7x - 21xy$

(c) $7(2x + 5) + 3(2x + 5)$

(d) $(3x - 2)^2 - (3x - 2)$

(e) $a^2 + 2a + ab + 2b$

(f) *5x+25x²*

2. Factorise:

(a) $x^2 + 8x + 15$

(b) $x^4 + x^2 + 1$

(c) $x^4 + x$

3. Factorise:

(a) $x^2 + 7x + 12$

(b) $x^2 + 4x - 21$

(c) $x^2 + 12x - 45$

4. Factorise:

(a) $2x^2 + 5x + 3$

(b) $-2x^2 - 3x + 2$

(c) $6x^2 + 5x - 6$
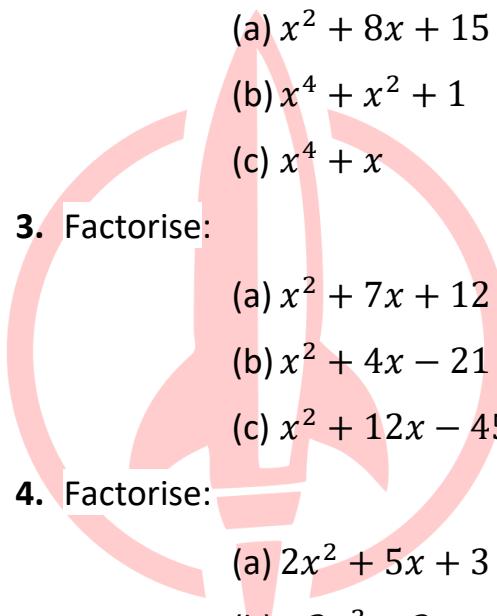
5. Factorise: $(3x + 7y)^2 - 5(3x + 7y) - 14$

6. Factorise: $(a + 7)(a - 10) + 16$

7. Factorise: $(a^2 - 5a)^2 - 36$

8. Factorise: $4(a + b)^2 - 28(a + b) + 49b^2$

9. Factorise: $16 - x^2 - 2xy - y^2$

10. Factorise: $(a^4 - 8a^2b^2 + 16b^4) - 256$