

LHS

$$7. = (2x)^2 + 4(2x) + 7$$

$$= 4x^2 + 8x + 7$$

$$\therefore (2x)^2$$

$$= 2^2 \times x^2$$

$$= 4x^2$$

$$8. (2x)^2 + 5x$$

$$= 4x^2 + 5x$$

$$\therefore (2x)^2$$

$$= 2^2 \times x^2$$

$$= 4x^2$$

$$9. (3x+2)^2$$

$$= (3x)^2 + 2 \times 3x \times 2 + 2^2$$

$$= 9x^2 + 12x + 4$$

$$\therefore (3x)^2$$

$$= 3^2 \times x^2$$

$$= 9x^2$$

$$\text{and } (a+b)^2 = a^2 + 2ab + b^2$$