|  |  |  |
| --- | --- | --- |
| **Topic/Skill** | **Definition/Tips** | **Example**  **Topic: Circle Theorems** |
| Circle Theorem 1 | **Angles in a semi-circle have a right angle at the circumference.** |  |
| Circle Theorem 2 | **Opposite angles in a cyclic quadrilateral add up to 180°.** |  |
| Circle Theorem 3 | **The angle at the centre is twice the angle at the circumference.** |  |
| Circle Theorem 4 | **Angles in the same segment are equal.** |  |
| Circle Theorem 5 | **A tangent is perpendicular to the radius at the point of contact.** | (Pythagoras’ Theorem) |
| Circle Theorem 6 | **Tangents from an external point at equal in length.** |  |
| Circle Theorem 7 | **Alternate Segment Theorem** |  |

**Knowledge Organiser**