

# Knowledge and Understanding of Maths Theorems

## Maths

Statement code no. 19

Student:

Class:

At Junior Certificate level I can:

### Apply my knowledge and understanding of Theorems

Date Commenced:    /

Date Awarded:    /

#### Learning Targets I can...

- |                                                                                                       |                                                                            |
|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| 1 There is exactly one line through any two given points                                              | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 2 All the angles in a triangle add up to 180                                                          | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 3 For two intersecting lines vertically opposite angles are equal                                     | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 4 When a transversal is drawn over two parallel lines the corresponding angles are equal              | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 5 When a transversal is drawn over two parallel lines the alternate angles are equal                  | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 6 In an isosceles triangle two sides are of equal length and two angles are equal in measure          | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 7 The exterior angle of a triangle is equal in measure to the opposite Interior angles added together | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 8 In a parallelogram opposite sides are equal                                                         | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 9 In a parallelogram opposite angles are equal in measure                                             | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 10 The diagonals of a parallelogram bisect each other                                                 | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |

Work begun ☐ ☐ ☐ | Work in progress ☐ ☐ ☐ | Work completed ☐ ☐ ☐