

Geometry 1

Maths Geometry and Trigonometry (MGT)

Maths

Statement code no. MGT1

Student:

Class:

At Junior Certificate level I can:

Recall and explain basic facts related to geometry (planes, points and angles) and I can perform basic geometric constructions

Date Commenced:

Date Awarded:

Learning Targets I can...

- | | |
|---|--|
| 1 Explain the following keywords and symbols: angle, degree, plane, infinity , point, ray, line segment, collinear points, axiom, isosceles triangle, equilateral triangle, horizontal, vertical, parallel, perpendicular, vertex, AB , [AB, [AB], ∞ | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 2 Explain what an angle is and use the correct measurement to describe one e.g. 75° | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 3 Identify, explain and draw the line, line segment and ray/half-line and explain the meaning of collinear points | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 4 Recognise and use a protractor, compass, set square and ruler | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 5 Recognise an acute angle, a right angle, a straight line, an obtuse angle and a reflex angle | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 6 Create angles and shapes using geostrips | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 7 Identify the vertex and arms of an angle and label them correct | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 8 Construct angles of different sizes | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 9 Draw a triangle when provided with relevant information | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 10 Identify isosceles and equilateral triangles | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 11 Recognise horizontal, vertical, parallel and perpendicular lines | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 12 Construct a line segment of given length on a given ray | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |

Work begun

☐ ☐ ☐

Work in progress

☐ ☐ ☐

Work completed

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