

Knowledge and Application of Geometry 3

Maths

Statement Code no: 15

Student:

Class:

At Junior Certificate level the student can:

Perform further operations in Geometry

Date Commenced: / /

Date Awarded: / /

Learning Targets - This has been demonstrated by your ability to:

- 1 Understand and apply the fact that the base angles in an isosceles triangle are equal in measure
- 2 Recognise that the largest angle in a triangle is always opposite the longest side
- 3 Recognise that the smallest angle in a triangle is always opposite the shortest side
- 4 Understand and apply the fact that the opposite sides and opposite angles in a parallelogram are equal in measure
- 5 Recognise and apply the fact that the diagonal of a parallelogram bisects the area
- 6 Understand and apply the fact that the diagonals in a parallelogram bisect each other
- 7 Recognise and apply the fact that the area of a parallelogram is equal to base x perpendicular height
- 8 Understand and apply the fact that the angle standing in a semicircle is 90°
- 9 Recognise and apply the fact that there are 360° in a circle
- 10 Calculate an angle in a cyclic quadrilateral when the opposite angle is given

Work begun | Work in progress | Work completed

Eolas ar Chéimseata agus ar Conas í a chur i bhFeidhm 3

Matamaitic

Cód Ráitis uimhir: 15

Dalta:

Rang:

Ag leibhéal an Teastais Shóisearaigh beidh dalta ábalta:

Oibríochtaí breise a dhéanamh sa Chéimseata

Dáta Tosaithe:

Dáta Bronnta:

Spríocanna Foghlama atá le baint amach agat:

- Tuig go bhfuil na bonnuillinneacha i dtriantán comhchosach ar cóimhéid, agus cuir an t-eolas sin i bhfeidhm
- Aithin go bhfuil an uillinn is mó i dtriantán i gcónaí urchomhaireach leis an taobh is faide
- Aithin go bhfuil an uillinn is lú i dtriantán i gcónaí urchomhaireach leis an taobh is giorra
- Tuig go bhfuil na taobhanna urchomhaireacha agus na huillinneacha urchomhaireacha i gcomhthreomharán ar cóimhéid agus cuir an t-eolas sin i bhfeidhm
- Aithin go ndéoinneann an trasnán i gcomhthreomharán achar an chomhthreomharáin agus cuir an t-eolas sin i bhfeidhm
- Tuig go ndéoinneann na trasnáin i gcomhthreomharán a chéile agus cuir an t-eolas sin i bhfeidhm
- Aithin go bhfuil achar comhthreomharáin cothrom leis an mbonn x airde ingearach agus cuir an t-eolas sin i bhfeidhm
- Tuig gurb ionann an uillinn atá ina seasamh i leathchiorcal agus 90° agus cuir an t-eolas sin i bhfeidhm
- Aithin go bhfuil 360° i gchiorcal agus cuir an t-eolas sin i bhfeidhm
- Ríomh uillinn i gceathairshleasán ciorclach tar éis eolas a fháil faoin uillinn urchomhaireach