

Circle, Cylinder and Sphere

Maths

Statement Code no: 11

Student:

Class:

At Junior Certificate level the student can:

Calculate the perimeter, area and volume of curved shapes

Date Commenced: / /

Date Awarded: / /

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

- | | |
|---|--|
| 1 Identify the following parts of a circle: centre, radius, diameter, arc, sector, chord, circumference and segment | ☐ ☐ ☐ |
| 2 Calculate the length of the circumference of a circle | ☐ ☐ ☐ |
| 3 Work out the length of the perimeter of a sector | ☐ ☐ ☐ |
| 4 Calculate the area of a disc | ☐ ☐ ☐ |
| 5 Calculate the volume of a cylinder | ☐ ☐ ☐ |
| 6 Calculate the curved surface area of a cylinder | ☐ ☐ ☐ |
| 7 Calculate the total surface area of a cylinder | ☐ ☐ ☐ |
| 8 Calculate the volume of a sphere | ☐ ☐ ☐ |
| 9 Calculate the surface area of a sphere | ☐ ☐ ☐ |
| 10 Work out the curved surface area of a hemisphere | ☐ ☐ ☐ |

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

Ciorcal, Sorcóir agus Sféar

Matamaitic

Cód Ráitis uimhir: 11

Dalta:

Rang:

Ag leibhéal an Teastais Shóisearaigh beidh dalta ábalta:

Imlíne, achar agus toirt de chruthanna cuartha a ríomh

Dáta Tosaithe:

Dáta Bronnta:

Spriocanna Foghlama atá le baint amach agat:

- 1 Aithin na codanna seo a leanas den chiorcal: lár, ga, trastomhas, teascóg, corda, imlíne agus teascán
- 2 Ríomh fad imlíne chiorcail
- 3 Oibrigh amach an fad atá ar imlíne teascóige
- 4 Ríomh achar diosca
- 5 Ríomh toirt sorcóra
- 6 Ríomh achar dromchla chuair atá ar shorcóir
- 7 Ríomh achar dromchla iomlán atá ar shorcóir
- 8 Ríomh toirt sféir
- 9 Ríomh char dromchla atá ar sféar
- 10 Oibrigh amach achar dromchla chuair atá ar leathsféar

Obair Tosaithe ☐

Obair idir Lámha ☐

Obair Críochnaithe ☐