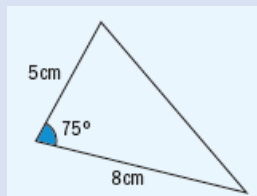


Chapter 11 / Example 8

Area of a triangle

Find the area of the triangle.



Press **MENU** 1 **RUN-MAT** to display the Run-Matrix screen for arithmetical calculations.

Press **SHIFT** **MENU** (SETUP)

Scroll down using **▼** to Angle and change the setting to **F1** Deg.

Press **EXIT**.

```
Input/Output: Math
Mode          : Comp
Frac Result   : d/c
Func Type     : Y=
Draw Type     : Connect
Derivative    : Off
Angle         : Deg
Deg Rad Gra
```

Area = $20 \sin 75^\circ$

Type 20

To enter sin, press **sin**.

Type 75 and press **°**.

```
20sin 75
5√6 + 5√2
JUMP DELETE MAT/VCT MATH
```

By default, the GDC gives answers like these in exact, surd form.

Press **S/D** to change the result to decimal form.

Area = 19.3 to 3s.f.

```
20sin 75
19.31851653
JUMP DELETE MAT/VCT MATH
```