

You will need a copy of Ordnance Survey's map: Outdoor Leisure 13, Brecon Beacons National Park (East). If using a section of this you need the A3 size section including grid squares 19 to 29 horizontally and 18 to 25 vertically.

Task 1

Six figure grid references

Find the feature at each of these places.

- 217224 (Pen Cerrig-calch trig point)
- 230207 (Bunkhouse)
- 198200 (Pub)
- 239204 (Llanbedr church)
- 285212 (Telephone box)
- 255217 (498 spot height)

Write down the six figure grid reference for each of these places on the map

- Trig point on summit of Sugar Loaf / Y Fal
- Telephone box to the West of Crug Mawr
- Trig point on summit of Pen Allt-mawr
- Telephone box in village of Llanbedr
- Trig point on summit of Crug Mawr
- Telephone box North-East of Crug Mawr

Task 2

Three figure bearings

Measure the bearing of each of these places from the summit of Pen Carrig-calch:

- Crug Mawr summit
- Sugar Loaf / Y Fal summit
- Perth-y-pia bunkhouse
- Pen Allt-mawr summit
- Radio Mast 1 kilometre East of Crickhowell

Bear this in mind ...

To use a bearing correctly:

- *Measure from North*
- *Measure clockwise*
- *Always use three figures*

Measure the bearing of:

- Pen Carrig-calch summit from Crug Mawr summit
- Llanbedr church from Perth-y-pia bunkhouse
- Sugar Loaf / Y Fal summit from Crug Mawr summit
- Radio Mast at 206203 from pub at 214191
- Telephone box at 273244 from telephone box at 285212

Task Three

Figure out this

Make up some problems for a friend to solve. Swap questions, work out the problems, and then check each other's answers.

