

Answers:

Q1: The North of Dartmoor is a very featureless environment. If doing a multiday expedition from the North Moor to the South Moor, what scale or scales of map would you choose and why?

A: A 1:40,000 Harvey British Mountain Map or a 1:50,000 OS Landranger Map due to their large area coverage and lack of detail so to not clutter the map.

Q2: Look at the two maps below. Using your knowledge of map scales, what are the scales of these two maps?

A:

- Image 1 Scale: **1:25,000**
- Image 2 Scale: **1:40,000**

Q3: Using your knowledge of map scales, match the type of map to the correct scale:

- | | |
|---------------------------------|---------------------|
| a) Road Map | a. 1:250,000 |
| b) Orienteering Map | b. 1:10,000 |
| c) Harvey British Mountain Map | c. 1:40,000 |
| d) Ordnance Survey Explorer Map | d. 1:25,000 |
| e) Town Map | e. 1:1,250 |
| f) Floor Plan of your Home | f. 1:100 |

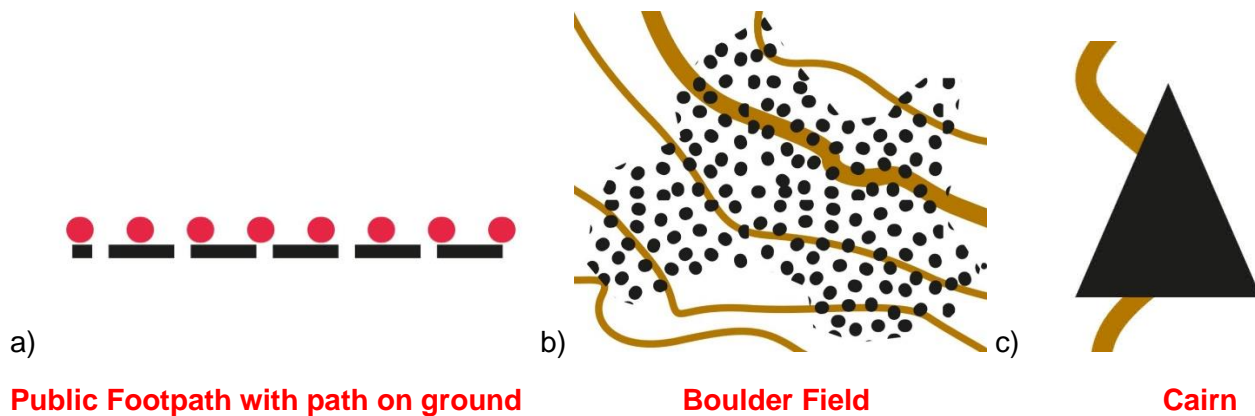
Q4: Name three difference between a 1:25,000 scale map and a 1:50,000:

- **1:50,000 covers a larger area**
- **1:25,000 shows more detail**
- **1:50,000 makes larger contour features and other major features more prominent**

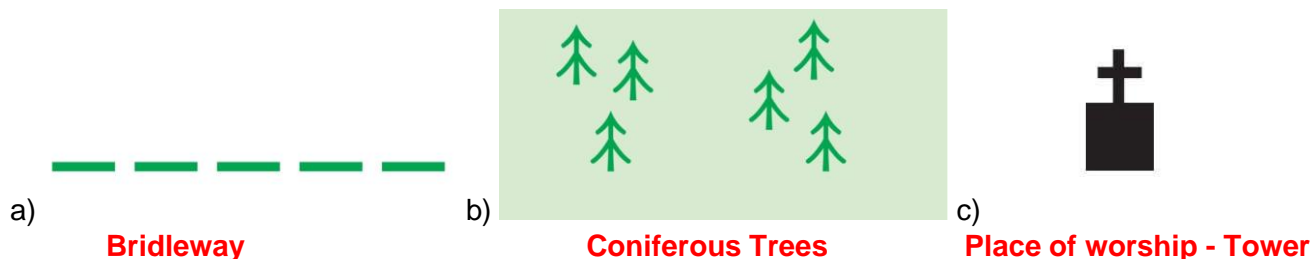
Q5: A bit of home research now, what other scales of map do Harvey Maps produce?

- **1:12,500**
- **1:30,000**
- **1:60,000**
- **1:100,000**

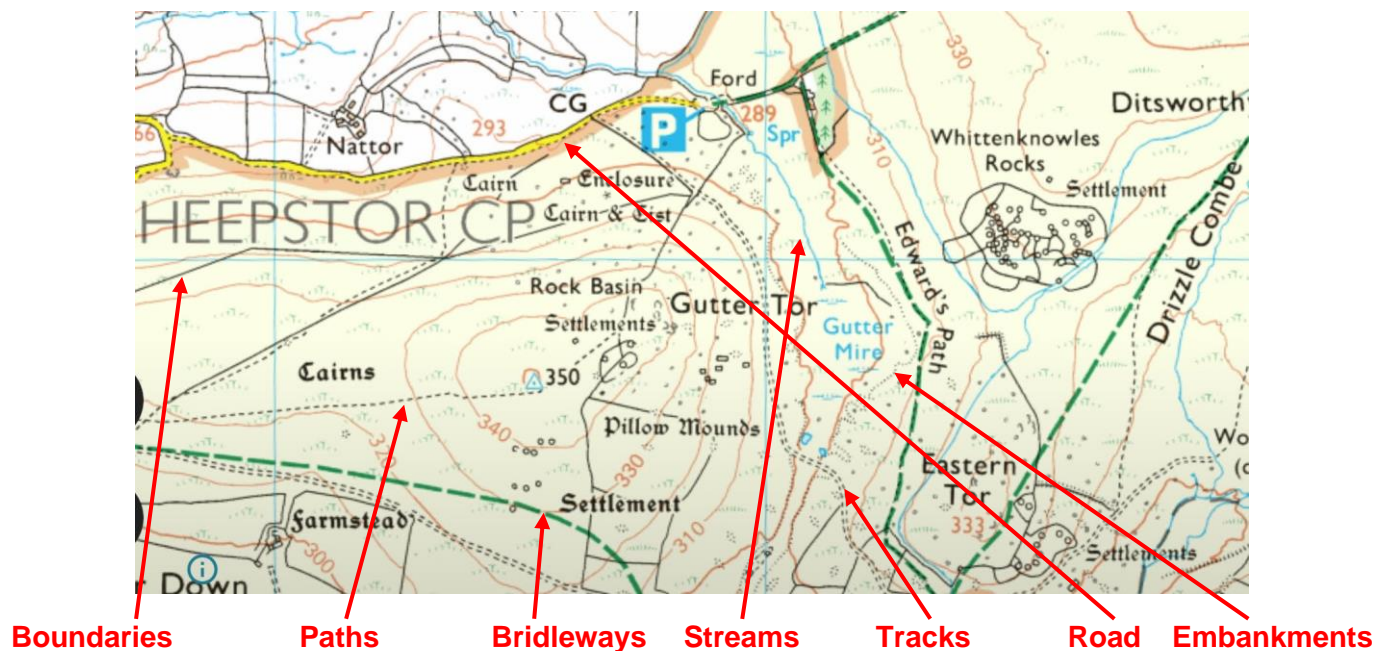
Q6: Using a Harvey Maps Superwalker Legend, what are these three symbols and what type of feature are they?



Q7: Using an OS Explorer Legend, what are these three symbols and what type of feature are they?

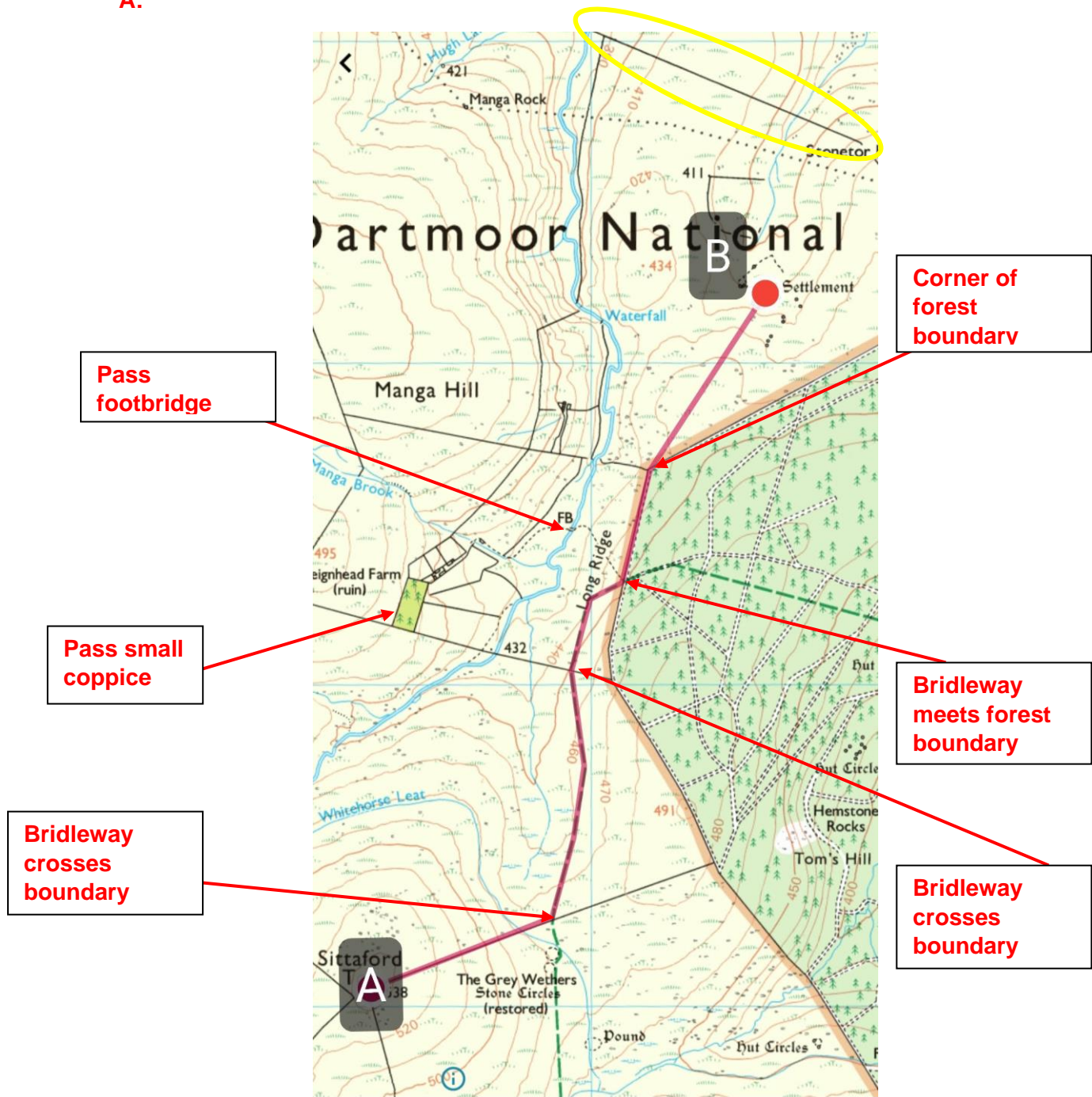


Q8: Looking at the map below and using a legend, what handrails can you see?



Q9: Look at the map below. From **A**, follow the marked route to **B**. What features would you use as collecting features?

A:

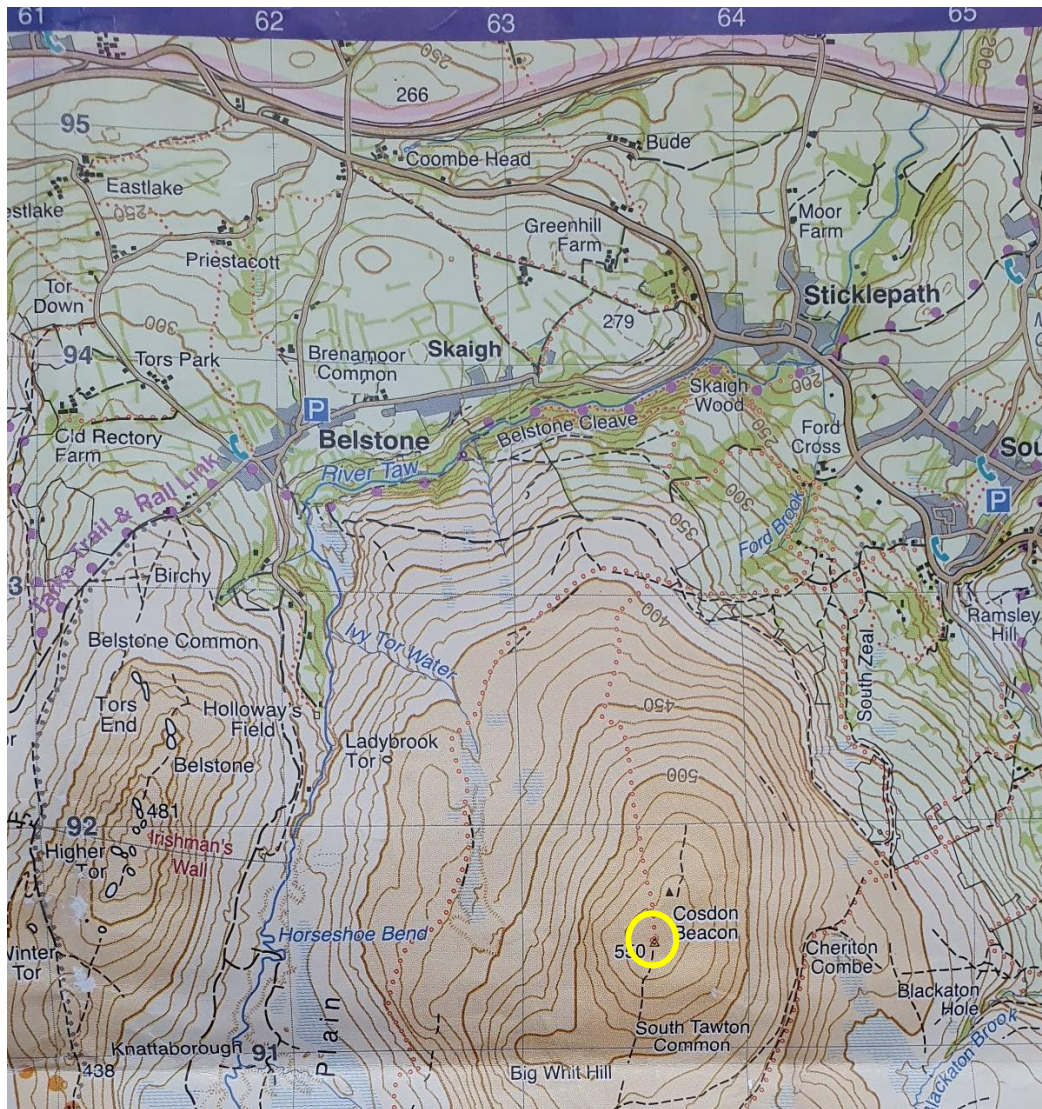


Q10: Using the same map above, what could you use as a catching feature if you overshoot **B**?

A: Boundary North East of 'B' (highlighted in yellow on map above)

Q13: What is the 6-figure grid reference of LADYBROOK TOR? (Hint: Easting starts with 62)

A: 624,923



Q14: Using the map above, what spot feature is at grid reference 636,915

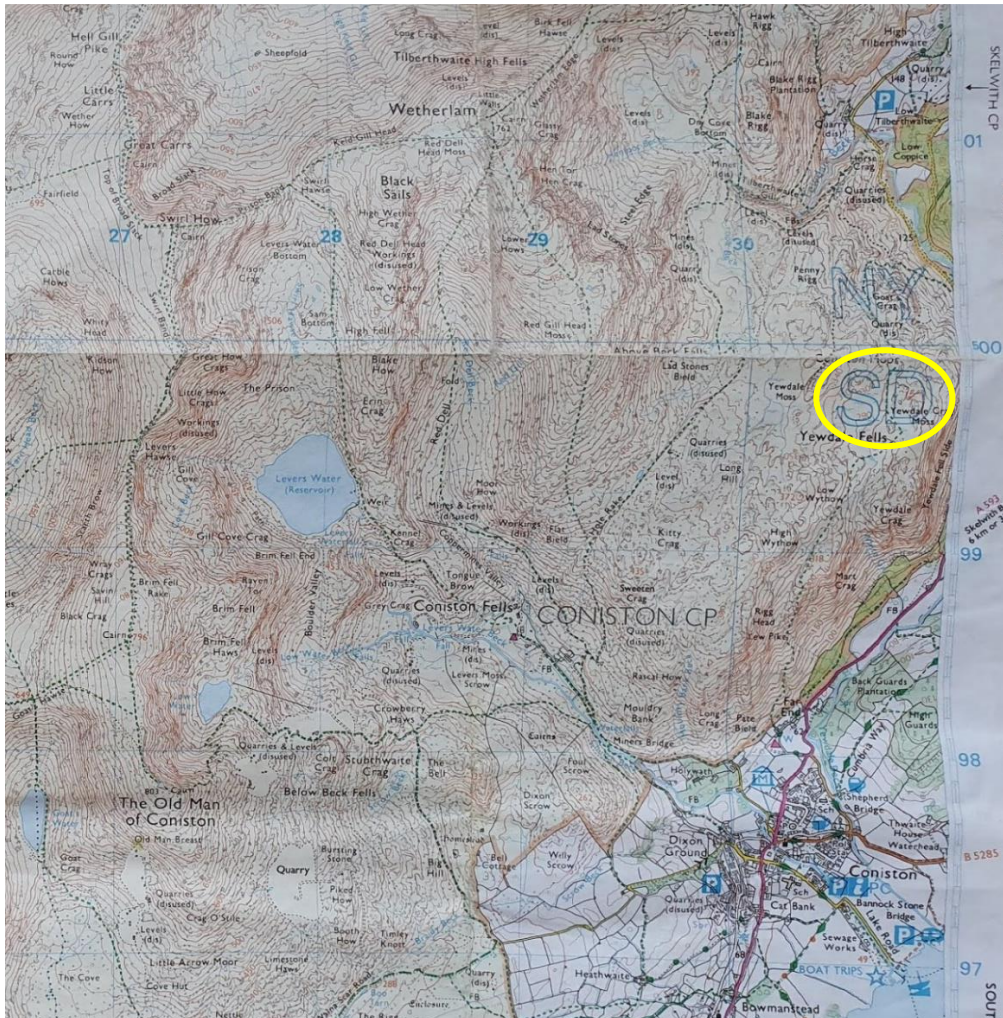
A: Trig Point

Q15: What important bit of information must you give emergency services when giving them a grid reference of your location?

A: The 2-letter map prefix to identify the map area

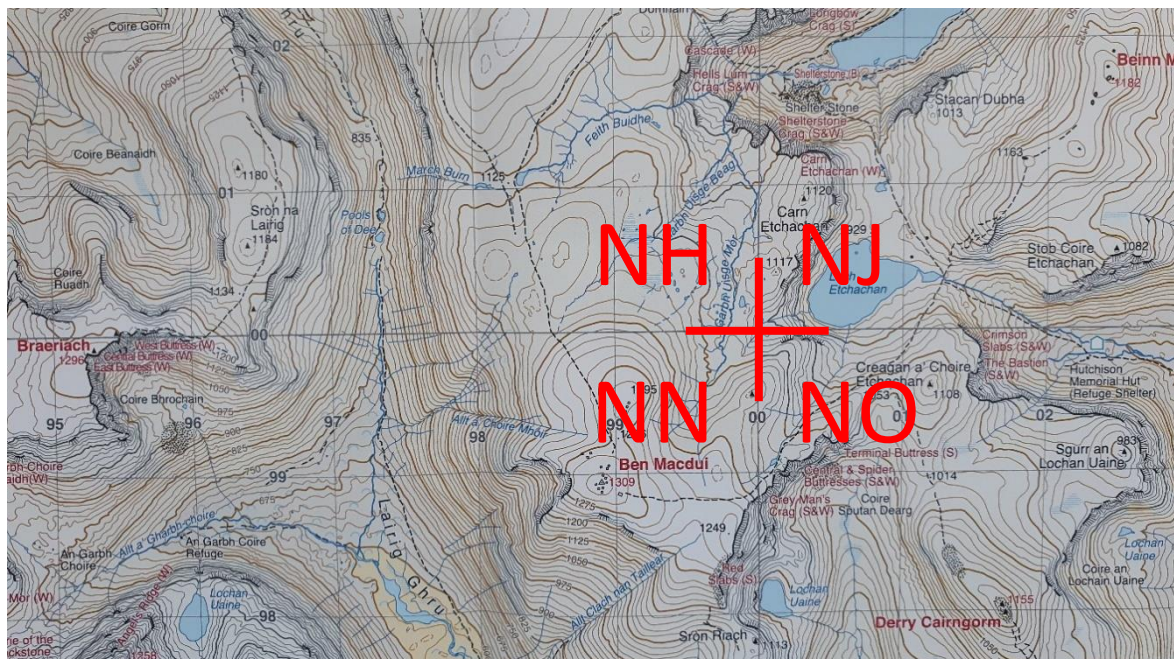
Q16: With the above question in mind, what grid reference would you give the emergency services for the summit of THE OLD MAN OF CONISTON in grid square 27,97 in the map below.

A: SD 272,978



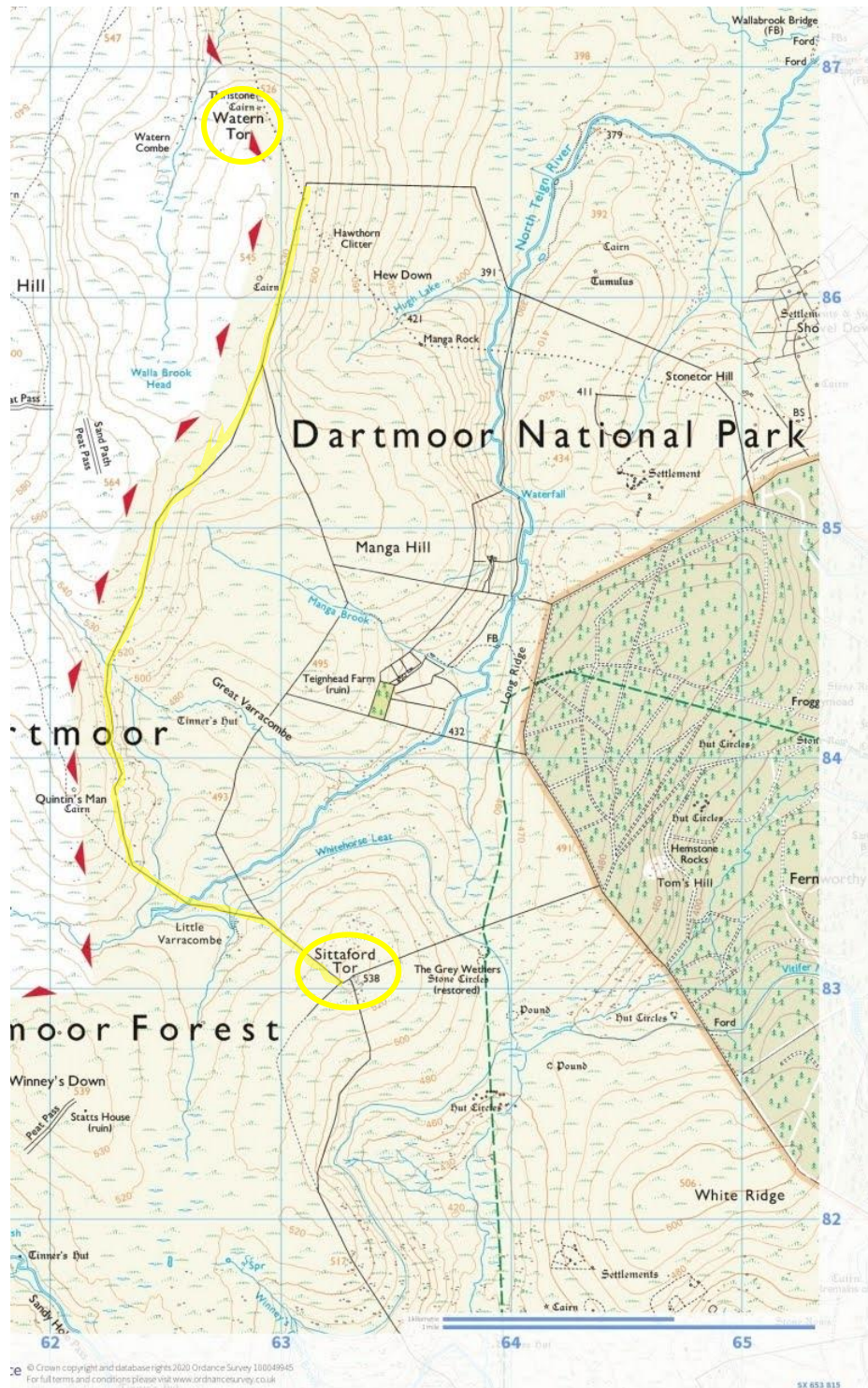
Q17: This is a hard one! Look at the map below, what is unique about this area? (hint: look at the grid numbers)

A: 4 grid areas meet at 00,00 meaning this area of the map has 4 different map prefixes



Q18: From grid reference 633,830 to grid reference 629,868 , what is the handrail we can use to help us navigate between them?

A: Boundary (marked in yellow on map)

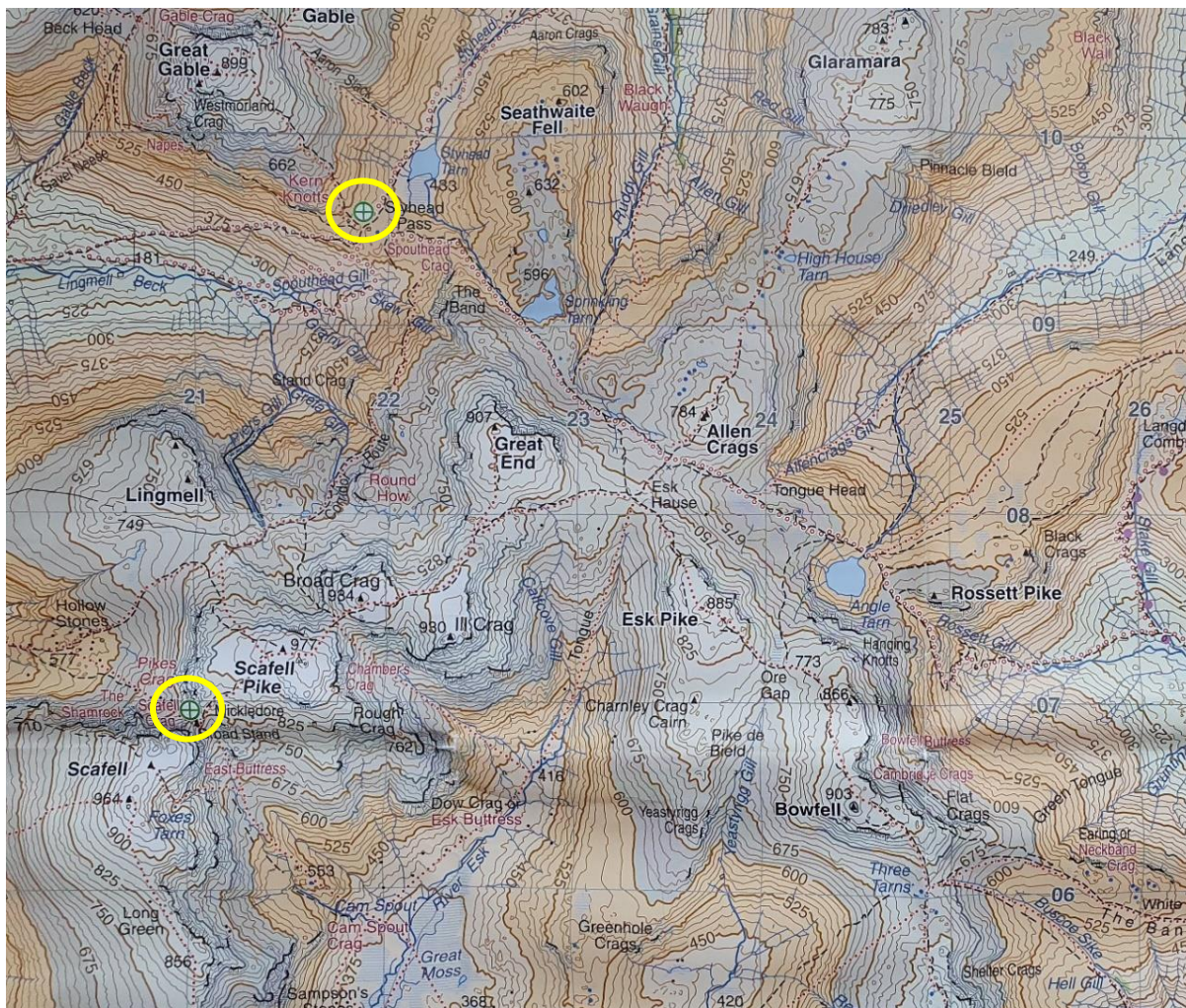


Q19: In the map below (next page) there are 2 MOUNTAIN RESCUE KIT locations.

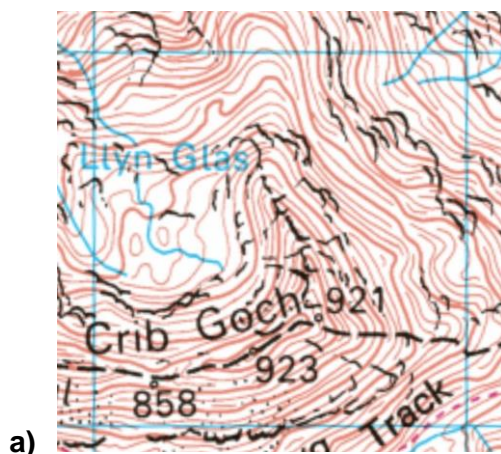
- Firstly, Identify their SYMBOL.
- Secondly, what are the 6-figure grid references of their locations?

A: (Symbols highlighted on map)

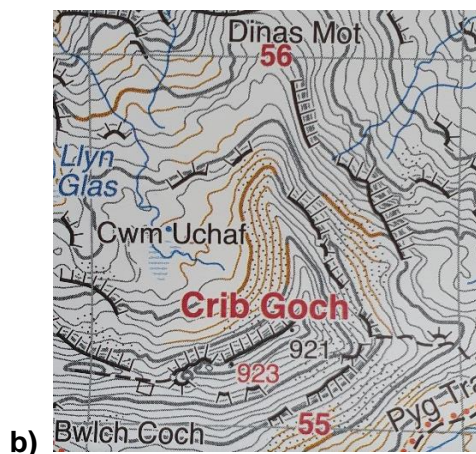
- 209,069
- 218,096



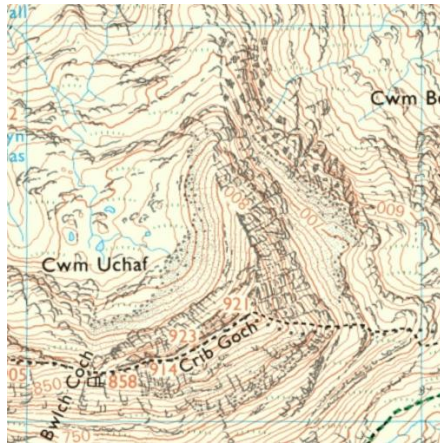
Q20: Looking at the detail of each grid square below, What are the Scale of the maps and who are the publishers? (Images not to actual scale)



1:50,000 OS Maps

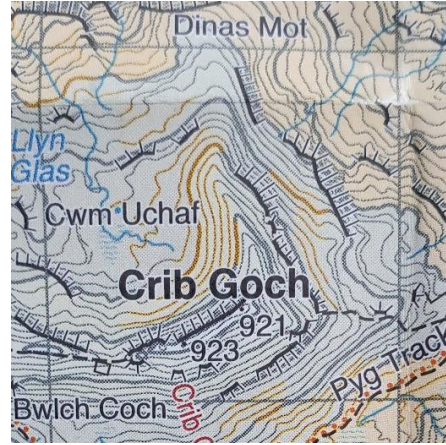


1:25,000 Harvey Maps



c)

1:25,000 OS Maps



d)

1:40,000 Harvey Maps

Q21:

- **Compass Romer**
- **Ruler**
- **Timing Card**

Q22:

- **Use a map case**
- **Cut out/print out sections and laminate them**

Q23: Technology can run out of battery or break. It is not always 100% reliable. Lack of signal.

Q24: Use a pencil and write lightly to easily rub off later

Q25: You can pick up a few small stones and transfer them from one pocket to another to help keep track of distance paced. Or use a click counter and click it every 100m paced. (remember to reset it when needed)

This concludes the first series in my online navigation courses. I hope that you have found it helpful and inspired to learn more! As a thank you, here's a **15% off** discount code to use on one of my [Navigation Courses](#):

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See you At The Edge!



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"Your greatest failure is not to try"