

GEOGRAPHY

MAPWORK PRACTICE EXERCISES 13+

MORPETH ANSWERS

Belinda Froud-Yannic

- Suitable for Key Stage 3
- Based closely on ISEB examinations
- Ideal for Common Entrance practice
- Covers the five topics, global location and fieldwork preparation



Independent Schools
Examinations Board

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EXERCISES 13+
MORPETH**

ANSWERS

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1.
 - (a) level crossing (1)
 - (b) telephone box (1)
 - (c) visitor centre (1)
 - (d) place of worship with spire (1)
 - (e) picnic site (1)
 - (f) mast (1)
 - (g) milepost (1)
 - (h) spot height of land (altitude 103m) (1)
 - (i) railway station (1)

2.
 - (a) E (1)
 - (b) NW (1)
 - (c) NE (1)
 - (d) SE (1)
 - (e) S (1)
 - (f) SE (1)
 - (g) NE (1)
 - (h) N (1)
 - (i) SW (1)

3.
 - (a) 2287 (1)
 - (b) 2289 (1)
 - (c) 2092 (1)
 - (d) 2888/2889 (1)

- (e) 2082 (1)
- (f) 2390 (1)

- 4.
- (a) 276878 (1)
 - (b) 196851 (1)
 - (c) 303879 (1)
 - (d) 232924 (1)
 - (e) 273921 (1)
 - (f) 256820 (1)
 - (g) 305859 (1)
 - (h) 182853 (1)
 - (i) 305864 (1)

- 5.
- (a) 3.2 km (1)
 - (b) 5.5 km (1)
 - (c) 2.7 km (1)
 - (d) 3.5 km (1)
 - (e) 12.5 km (1)
 - (f) 3.8 km (1)
 - (g) 4.1 km (1)
 - (h) 3.6 km (1)
 - (i) 7.3 km (1)

6. (a) nucleated (1)
- (b) ● flat ground
● river flows through the town (2)
- (c) ● 4km to the west of Ashington
● 10km to the west of the coastline
● 3km to the north west of Bedlington
(any similar phrases acceptable) (3)
7. (a) linear (1)
- (b) planned (1)
- (c) nucleated (1)
- (d) linear (1)
- (e) linear (1)
- (f) nucleated (1)
8. (a) beach (1)
- (b) meander / river (1)
- (c) country park / lake (1)
- (d) sand dunes (1)
- (e) non-coniferous woodland (1)
- (f) triangulation point (spot height 129) (1)

9. (a) 18 m (1)
(b) 24 m (1)
(c) 0–9 m (1)
(d) 40 m (1)
(e) 71–79 m (1)
(f) 129 m (1)
(g) 70 m (1)
(h) accept between 101–109 m (1)
10. (a) E (1)
(b) ● changing contour and spot heights (water flows downhill)
● rivers flow into the sea (2)
(c) S (1)
(d) ● source at North White House Farm
● contours decrease in height from 80 m to 70 m
(water flows downhill) (2)
11. (a) 7 (1)
(b) Cresswell (1)
(c) 9 (1)
(d) 4 (1)
(e) E (1)
(f) E (1)
(g) S (1)

12. (a) downhill (1)
(b) uphill (1)
(c) downhill (1)
(d) downhill (1)
(e) downhill (1)
13. (a) 24 m (1)
(b) 39 m (1)
(c) 15 m (accept 3 m either way from this) (1)
14. (a) 36 m (1)
(b) 24 m (1)
(c) accept between 42 m and 58 m (1)
(d) 50 m (1)
(e) accept between 21 m and 28 m (1)
(f) 20 m (1)
15. (a) 0.4 km² (1)
(b) 1.1 km² (1)
(c) 0.8 km² (1)
(d) 0.2 km² (1)
(e) 0.1 km² (1)
(f) 5 km² (1)
(g) 0.4 km² (1)

16. Give credit for any other features included. Give half a mark for each correct distance, direction, height or feature passed.

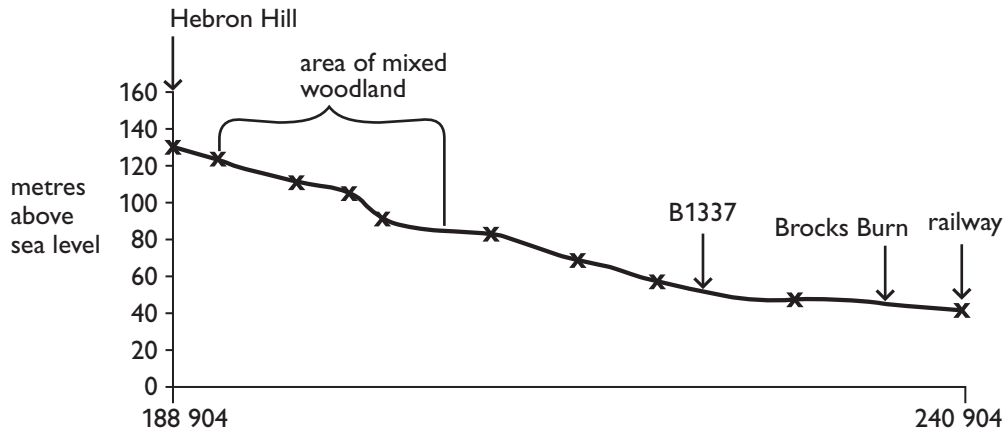
- (a)
- travel south along the A189 for approximately 1.5 km from a height of about 20 m above sea level to 18 m
 - you will pass Ellington on your left and you will pass under an electricity transmission line
 - you will then pass West Moor Farm on the right and East Moor Farm on the left
 - when you reach another roundabout, take the third exit
 - travel west for approximately 2.5 km passing a road to the right to Linton and over a level crossing
 - pass under another electricity transmission line then pass a few driveways to isolated farms
 - the land is increasing in height to approx 30 m
 - follow the road as it bears round to the south
 - continue on the road for approximately 0.5 km, crossing two streams and passing a building by the roadside, until you reach Old Moor
- (6)
- (b)
- travel south west for approx 0.7 km along the B1331
 - you will travel slightly downhill and will leave the village and be in open countryside
 - turn right onto the A192 and travel north west for approx 0.4 km
 - then take the first left travelling south west for approx 1.7 km
 - you will travel very slightly uphill
 - you will see Netherton Wood on the left hand side
 - you will then pass detached buildings with glass structures (greenhouses/conservatories) on the left hand side of the road

- just after the glasshouses you will pass over a level crossing
- when you come to the crossroads in Stannington Station the phone box will be on the opposite right hand corner (6)

- (c)
- from the level crossing in Cambois travel south east for 0.7 km
 - you will see the railway running along the side of the road on the seaward side
 - you will pass a place of worship and a post office on you right
 - at the roundabout turn right and travel west for approx 1 km
 - you will pass a small mixed woodland on your right, a footpath leading north, some buildings and a telephone box
 - after approximateley 1 km you will reach the next roundabout (4)

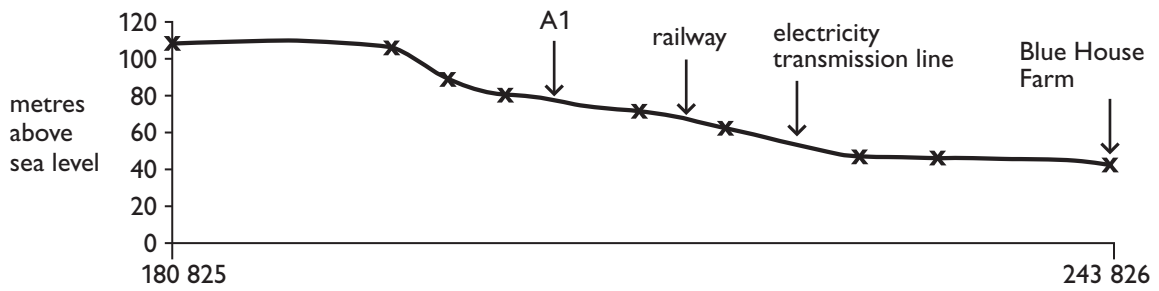
17. (a) Award a mark for a sensible grid reference. Award a mark for each reason for location including:
- outside of the built up area due to possible smell, visual pollution
 - near to river for cleaning of waste and returning to water system
 - near to a road – easy access for labour and maintenance
 - on edge of built up area as cheaper land and more space (3)
- (b) Award a mark for a sensible grid reference. Award a mark for each reason for location including:
- outside of built up area so that there is cheaper land and more space for buildings and car park
 - near to settlement for labour supply
 - good access (award mark for naming roads) for labour to get to work
 - in an attractive environment so that labour is attracted
 - flat land for building (3)

18.



(3)

19.



(3)