

GEOGRAPHY

MAPWORK PRACTICE EXERCISES 13+

GRIMSBY ANSWERS

Belinda Froud-Yannic

- Suitable for Key Stage 3
- Based closely on ISEB examinations
- Ideal for Common Entrance practice
- Mapwork skills tested



Independent Schools
Examinations Board

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EXERCISES 13+
GRIMSBY**

ANSWER BOOK

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1.
 - (a) lake/pond (1)
 - (b) Highfield House (1)
 - (c) Waithe House Farm (1)
 - (d) place of worship (1)
 - (e) school (1)
 - (f) golf course (1)
 - (g) nature reserve (1)
 - (h) mast (1)
 - (i) Low Farm (1)
 - (j) cemetery (1)
 - (k) post office (1)

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

3.
 - (a) 31 01 (1)
 - (b) 25 00 (1)
 - (c) 23 03 (1)

- (d) 26 09 (1)
- (e) 27 99 (1)
- (f) 32 02 (1)
- (g) 33 05 (1)
- (h) 23 99 (1)

4. When pupils are giving a six figure grid reference, a margin of error of +/- one last digit (one mini square) is acceptable.

- (a) 306 055 (1)
- (b) 286 028 (1)
- (c) 316 008 (1)
- (d) 336(7) 039 (1)
- (e) 332(3) 061 (1)
- (f) 259 034 (1)
- (g) 336 997(8) (1)
- (h) 354(3) 992(3) (1)
- (i) 306 091 (1)
- (j) 349 062 (1)
- (k) 278 995 (1)

5. 1 mark maybe awarded for answers that are close (but not spot on) to the stated one.

- (a) 5.2km (2)
- (b) 6km (2)
- (c) 6.5km (2)
- (d) 3.7km (2)

- (e) 3.9km (2)
- (f) 4.7km (2)
6. 1 mark maybe awarded for answers that are close (but not spot on) to the stated one.
- (a) 4km (2)
- (b) 2km (2)
- (c) 6km (2)
7. Pupils should provide at least 2 points to gain 1 mark
- (a) ● **factories** (works) (1)
- footpath
 - mixed woodland
- (b) ● **residential** (1)
- roads
- (c) ● **oil terminal** (1)
- agricultural
 - road (drive or track)
- (d) ● **theme park** (1)
- car park/parking
 - caravan and camp site
 - residential
8. (a) nucleated (1)
- (b) linear (1)
- (c) linear (1)
- (d) nucleated (1)

9. (a) beach/sea (1)
(b) river/stream (1)
(c) non-coniferous wood (1)
(d) lake/pond (1)
10. (a) place of worship with tower (1)
(b) road generally less than 4m wide (1)
(c) golf course (1)
11. (a) 3 m (1)
(b) 4 m (1)
(c) 27 m (1)
(d) 20 m (1)
(e) 10 m (1)
(f) 35 m (1)
(g) 10 m (1)
(h) 50 m (1)
(i) 35 m (accept between 30 m and 40 m) (1)
(j) 15 m (accept between 10 m and 20 m) (1)
12. (a) E (1)
(b) the river must flow to the sea (1)
(c) NE (1)
(d) the river must flow to the sea (1)

13. (a) 2 (1)
(b) 4 (1)
(c) 6 (1)
(d) N (1)
(e) E (1)
(f) N (1)
(g) Tetney (1)
(h) 3 (1)
(i) 3 (1)
(j) 4 (1)
14. (a) uphill and then downhill (1)
(b) uphill (1)
(c) downhill (1)
(d) uphill (1)
(e) uphill (1)
15. (a) ascend 15 m (255 019 = 20 m; 262 025 = 35 m) (1)
(b) ascend approx 16 m (32 02 = 4 m; 278 017 = approx. 20 m) (1)
16. (a) 0.5 km² (1)
(b) 1 km² (1)
(c) 1.5 km² (1)

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

- (a) ● travel SW on the A1031
- after approx 1 km you will pass a few scattered buildings
 - you will cross over Thoresby Bridge
 - the road remains at a low altitude of 3m above sea level
 - after about 3 km from the start of your journey you will meet a T junction, turn left at this T junction
 - after 200 m take a turning north-west (to the right) continuing on the A1031
 - you will pass a small building on your right and cross over an irrigation channel
 - after 1 km take the minor road heading south-west (left), you will arrive at Second Holme Farm on the left hand side (5)
- (b) ● at the end of the drive turn north-west (left) along the A1031 towards Humberston
- you will be going downhill very slightly and then slightly uphill
 - pass the junction heading east and the small building at the junction
 - continue for approx 2 km along this road
 - the area to the side of the road will become built up as you enter Humberston
 - you will see two places of worship at a junction, one with a tower, turn south-west (left) here onto the B1219
 - after 0.5 km on this road you will see the club house on your right (5)
- (c) ● travel south-east along the A1031
- to the east the land will be residential, to the west the land will be more open and you should be able to see some non-coniferous forest to the west

- after 0.5 km you will pass a school
- after another 1 km you will reach a roundabout, go straight over
- you will have descended very slightly from 10 m to 5 m above sea level
- pass over Buck Beck and pass an industrial estate to the west
- the road will become built up on both sides as you enter Humberston
- about 1 km after passing Buck Beck you will reach the roundabout
- the whole distance is approx 3 km (5)

18. Give 1 mark for each valid point, to the maximum indicated.

- (a) ● near the sea/beach to attract tourists who have come to the beach
- next to a caravan and camp site
 - links to the A1031 for ease of access
 - near to other attractions such as the Discovery Centre, the country park, the zoo and the nature reserve which will help attract visitors to the area (3)
- (b) ● near to the A180, the sea and a train station for transporting raw materials to factories and for exporting finished product
- on flat land
 - in the suburbs of Grimsby so that noise and visual pollution does not disturb residents
 - near to residential area to attract labour (3)
- (c) ● the area contains marsh land so part of it cannot be built on
- the area could be prone to flooding as it is low land next to the sea (2)
- (d) the river has embankments or levees built next to it (1)

19.

(4)

