

NAME..... GROUP.....

Answer the questions in the spaces provided. Use the O.S. 188 (Maidstone and the Weald). Fold it in half and use the top half only. Do not turn over.

DRAW THE O.S. CONVENTIONAL SIGNS FOR - (2 marks each).

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|-------------------------|--|
| 1. Quarry | 6. Bracken, heath and rough grassland. |
| 2. Chapel | 7. Marsh |
| 3. Triangulation pillar | 8. Single track railway |
| 4. Pipe Line | 9. <u>Public Bridleway</u> |
| 5. Track (unfenced) | 10. Gradient : 1 in 5 and steeper. |

(Write the colour of the symbol beside your answer).

11. Name three methods of measuring distances on maps. (3 marks) ~~each~~
12. What is the shortest distance between 691639 and 664596 by road and paths (3 marks)
13. How long would it take you to walk this route carrying a 25 lb. pack. (2 marks)
14. You are on the track between 654607 and 674616 and you take a Field bearing on Birling Church of 108°. What is your grid reference. (3 marks)
15. You take a bearing on New Hythe Station (712599) of 243° and on the tower of Snodland Church (708618) of 322°. What is your grid reference. (NB these are Field bearings). (3 marks)
16. Describe magnetic variation. (4 marks)
17. Draw the contours for (2 marks each).

- a) a saddle
- b) a convex slope
- c) a cwm

18. Why is it important to be able to recognise these three features (question 17) when planning your route. (6 marks).