

Map Skills and Grid References

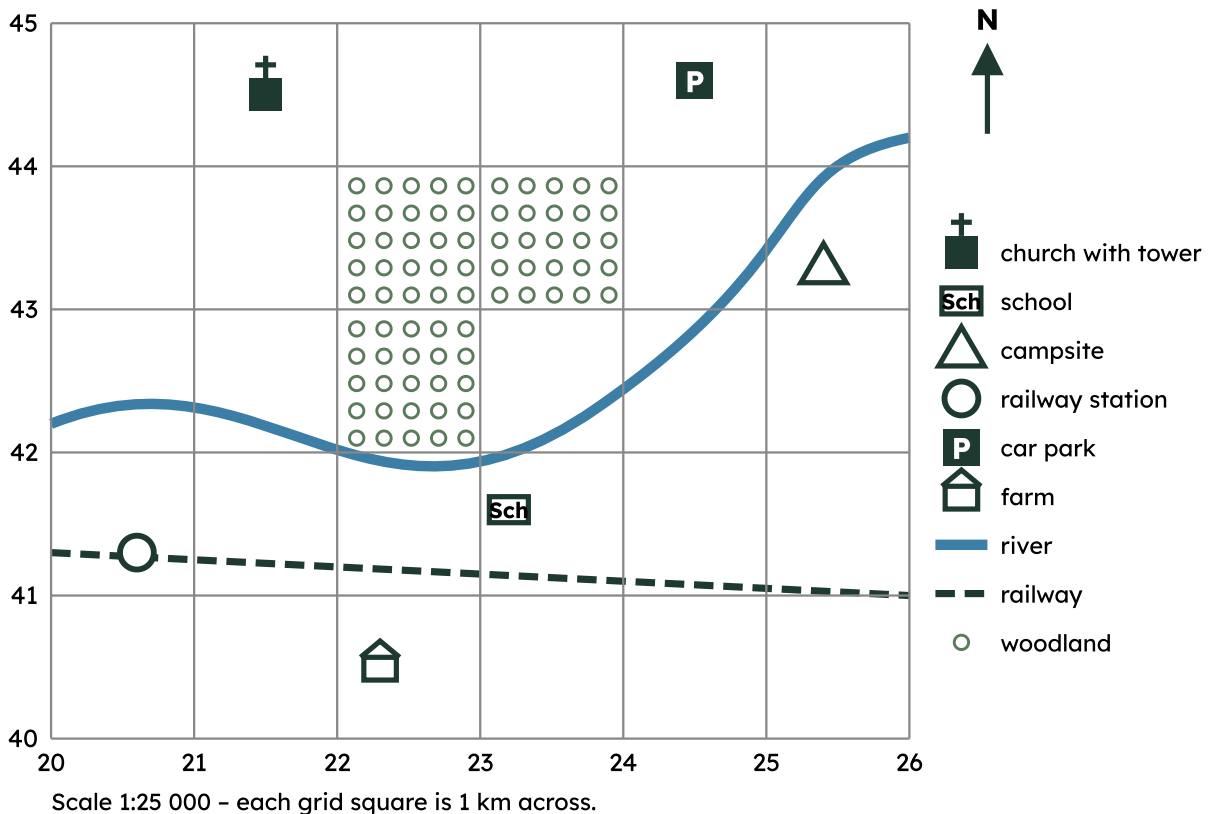
Four- and six-figure grid references, compass directions, map symbols and scale.

Name _____ Date _____ Class _____

Learning objective: I can use grid references, directions and scale to read a map.

✓ I can give grid references ✓ I can use compass directions ✓ I can measure distance with a scale

1 The map Study the map of the area around a small village. Use it to answer the questions.



2 Grid references Remember: read **eastings** (along the corridor) first, then **northings** (up the stairs).

1 Give the four-figure grid reference of the church.

2 Which symbol is in grid square 2543?

3 Give the four-figure grid references of the **three** squares that contain woodland.

Map Skills and Grid References

3 Six-figure grid references (Year 8)

Estimate tenths across and up the square.

- 4 Give the six-figure grid reference of the school.

- 5 What is at grid reference 206413?

4 Directions Use the eight points of the compass.

- 6 In which direction is the campsite from the church?

- 7 In which direction is the station from the car park?

- 8 In which direction is the farm from the school?

5 Distance Use the scale. Measure in a straight line.

- 9 About how far is it from the church to the car park, in kilometres?

- 10 About how far is it from the station to the school?

6 Plan a route

Describe a walking route from the station to the campsite. Use directions, distances and at least **two** features you would pass.

Answer Key

Map Skills and Grid References

Question	Answers
2 Grid references	1. 2144 2. campsite 3. 2242, 2243, 2343
3 Six-figure grid references (Year 8)	4. 232416 (accept ± 1 in the third and sixth figures) 5. the railway station
4 Directions	6. east 7. south-west 8. south-west
5 Distance	9. about 3 km (accept 2.7–3.3 km) 10. about 2.6 km (accept ± 0.3 km)
6 Plan a route	Look for: • Uses compass directions correctly • Gives approximate distances using the scale • Names features passed, e.g. crossing the river, the school, the woodland

Teaching note: the map is fictional and drawn for this sheet; symbols are simplified, not official Ordnance Survey symbols. Directions and distances in the key were calculated from the map positions.