

# MAP SKILLS REFERENCE MAT

NAME: \_\_\_\_\_ CLASS: \_\_\_\_\_ DATE: \_\_\_\_\_

## 1. ORIENTATION

Use the compass to find direction.



What is the direction from A to B?

A ● B ●

Answer: \_\_\_\_\_

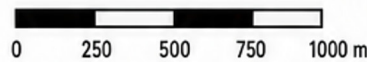
## 2. SCALE

Scale shows the relationship between a distance on a map and the real distance on the ground.

**Representative Fraction (RF)**

1 : \_\_\_\_\_

**Scale Bar**



Convert the map distance to the real distance.

Map distance: \_\_\_\_\_

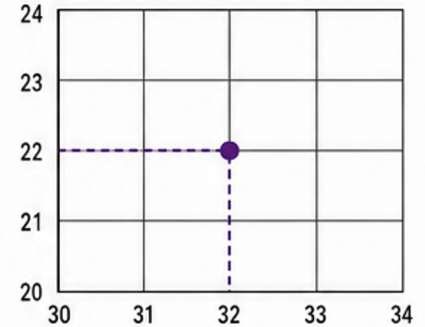
Scale: \_\_\_\_\_

Real distance: \_\_\_\_\_

## 3. GRID REFERENCES

Grid references locate a place using eastings first, then northings.

**4-Figure Grid Reference**



Write the 4-figure grid reference for the point.

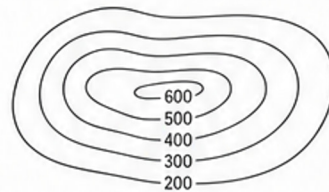
## 4. MAP SYMBOLS

Symbols are used to represent real-world features.

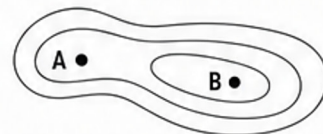
Symbol	Feature	Example from map
	Road	
	River	
	Forest	
	Mountain	
	Building	
	Track / Path	
	Lake	

## 5. CONTOUR LINES

Contour lines show the shape and height of the land.



Which area is higher, A or B?  
How do you know?



\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## 6. INTERPRETING MAPS

Use map information to describe patterns and relationships.

a) What is the main land use in the north of the map?

\_\_\_\_\_  
\_\_\_\_\_

b) Describe the pattern of settlements.

\_\_\_\_\_  
\_\_\_\_\_

c) How does the land use change from west to east?

\_\_\_\_\_  
\_\_\_\_\_

## 7. DISTANCE & DIRECTION

Measure the distance along the route and give the direction.



Direction from A to B:

\_\_\_\_\_

Distance: \_\_\_\_\_

## 8. NOTES / EXAMPLES

### VOCABULARY

**Scale** – The relationship between a distance on a map and the real distance on the ground.

**Grid reference** – A set of numbers used to find the location of a place on a map.

**Contour line** – A line joining points of equal height above sea level.

**Symbol** – A picture or shape used to represent a real-world feature.

**Orientation** – The process of finding direction on a map.