

AW

Name:

Date:

Year 8 Population Density Assessment

Look at Figure 1 and answer the following questions:

1. What was the world's population in 1960?

2. Roughly what year will the world's population reach 8 billion?

3. How much will the world's population have increased by between 1960 and 2042?

4. What word is used on the graph to show the predicted population? _____
(4 marks)

Figure 1: World population graph

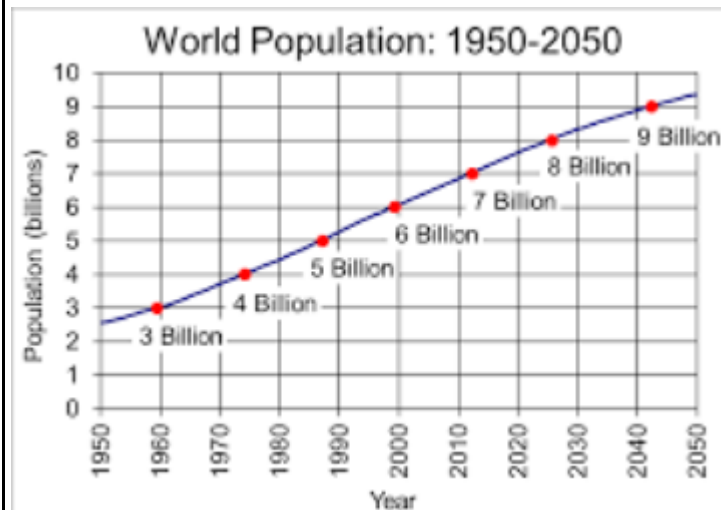
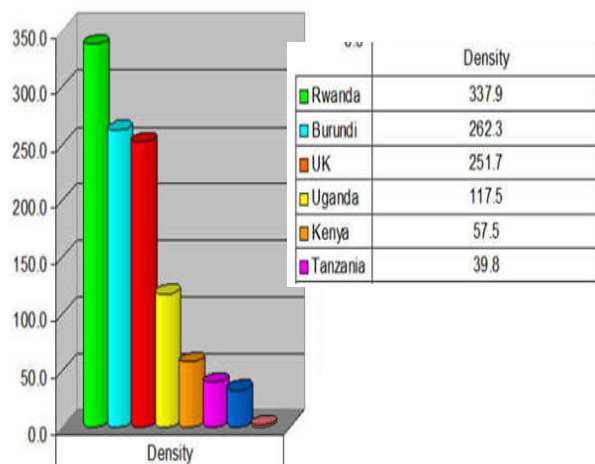


Figure 2 : Population density

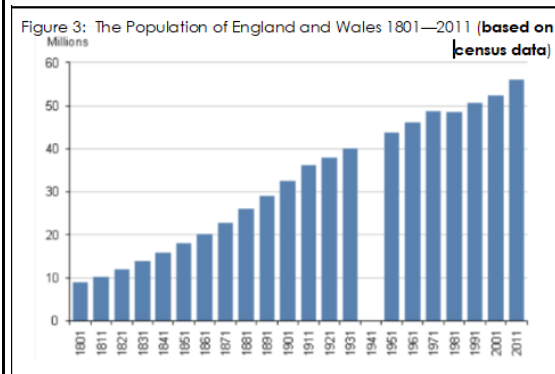


Look at the Figure 2 and answer the following questions:

5. Which country from the graph is the most densely populated?

6. How much more densely populated is Burundi than Uganda? _____
7. The UK has the _____ highest population distribution on the graph.
8. How many of the countries on the graph have a population density of over 100 people per km²? _____
(4 marks)

Figure 3: The Population of England and Wales 1801—2011 (based on census data)



Study figure 3, a graph showing the population of England and Wales from 1801-2011






9. What was the population in 1811? _____
10. The data seems to be recorded every 10 years. What survey is used to collect the data? _____
11. What event may have caused the gap in the data in 1941?

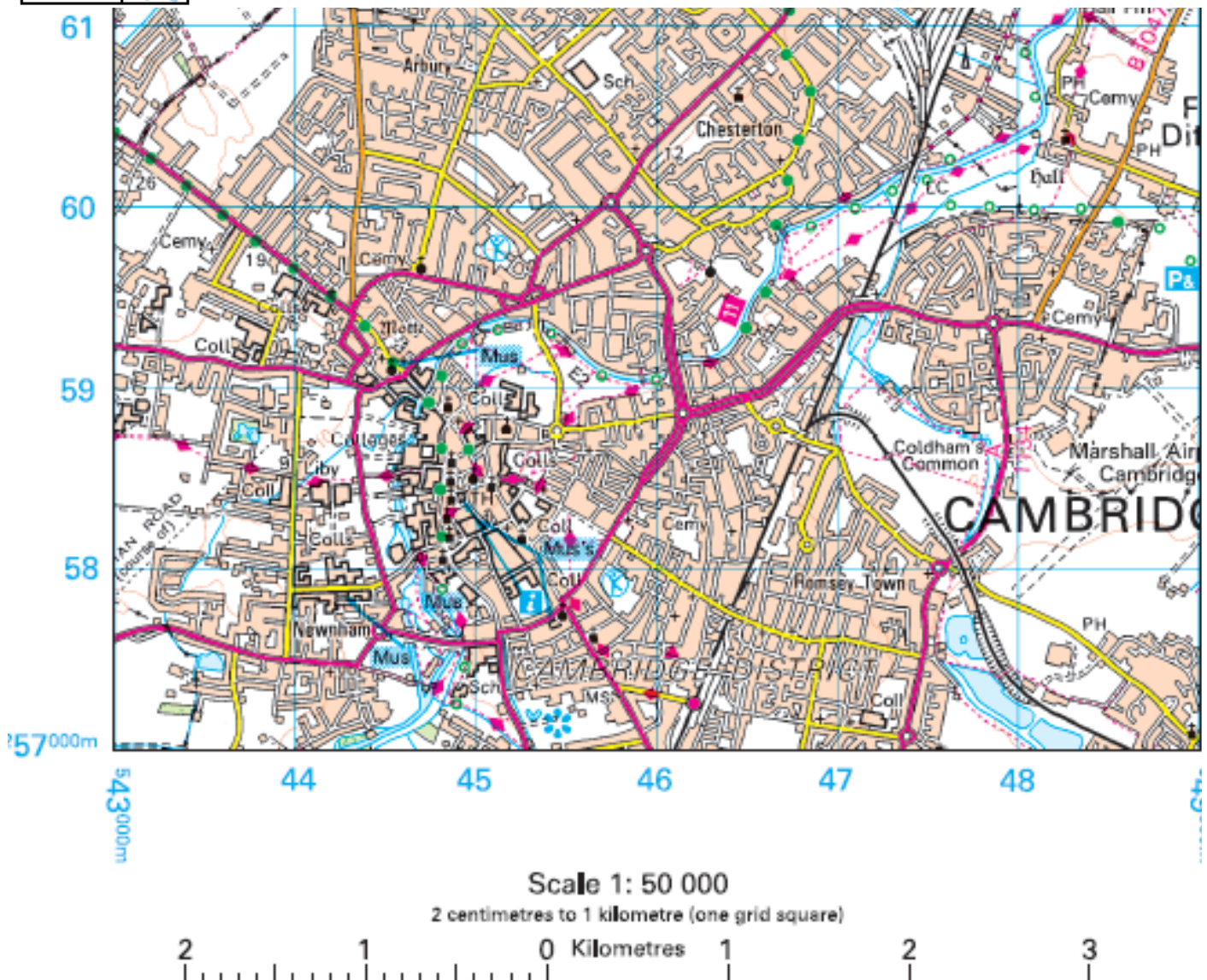
12. How much did the population grow by between 1861 and 1931? _____
(4 marks)

13. Give one problem that may occur when an area is densely populated? (too many people living in an area)

Now explain why this is a problem—what are the consequences of it? _____

(3 marks)

Key:	
Church with a spire	
Church with a tower	
Museum	Mus
Cemetery	Cemy
Town Hall	TH
Railway line	
Railway station	
Lake	



Basic Map Interaction:

(4 marks)

- 14. How many railway stations are located on the map? _____
- 15. What direction does the railway line go from the station on the map? _____
- 16. How long is the middle lake in the south east of the area? _____
- 17. What is the area of the map in km²? _____

4 Figure Grid References: What is the 4 figure grid reference of...

(4 marks)

- 18. ...Coldham Common? _____
- 19. ...Chesterton? _____
- 20. ...Arbury? _____
- 21: ...Newnham? _____

6 Figure Grid References: What is the 6 figure grid reference of...

(8 Marks)

- 22: ...the cemetery next to the church with a spire?

- 23: ...the town hall?

- 24: ...the church with a tower in Chesterton?

World Population Density

Densely populated areas:

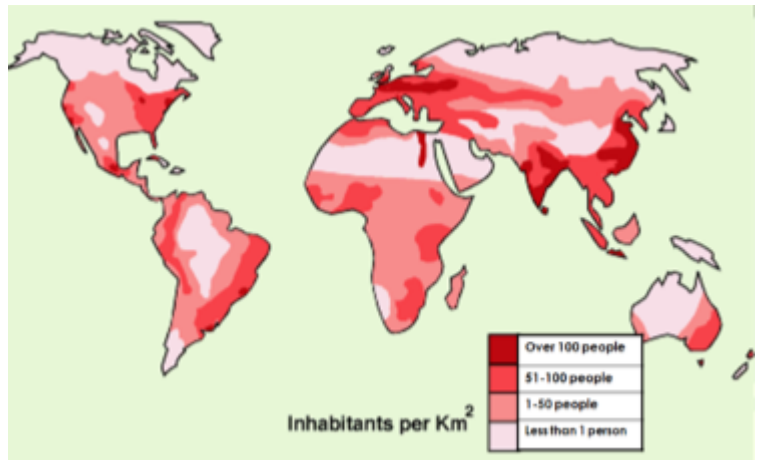
- 1. New York
- 2. East China

Sparsely populated areas:

- 3. Sahara Desert
- 4. Himalayan mountains

In the space below, choose a densely populated area

and a sparsely populated area and explain the reasons for their population distribution below:



26. Locate the Sahara Desert on the map by writing a number 3 where it should be (1 mark)

27. Densely Populated Area: _____

Why is it densely populated?: _____

(4 marks)

28. Sparsely Populated Area: _____

Why is it sparsely populated?: _____

(4 marks)