

**Paper Reference(s)    1SC0/1BF**  
**Pearson Edexcel Level 1/Level 2 GCSE (9–1)**

**Combined Science**  
**PAPER 1**  
**Foundation tier**

**Diagram Booklet**

**In the boxes below, write your name, centre number and candidate number.**

<b>Surname</b>					
<b>Other names</b>					
<b>Centre Number</b>					
<b>Candidate Number</b>					

## **INSTRUCTIONS**

**There may be spare copies of some diagrams in case you need them.**

**THIS DIAGRAM BOOKLET MUST BE  
RETURNED WITH THE QUESTION PAPER  
AT THE END OF THE EXAMINATION.**

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## Question 1(b)

disease

main way the  
disease is spread

cholera

• in the air

• by animal vectors

• in body fluids

malaria

• by a vaccination

• in water

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disease

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Question 1(c)

FIGURE 1

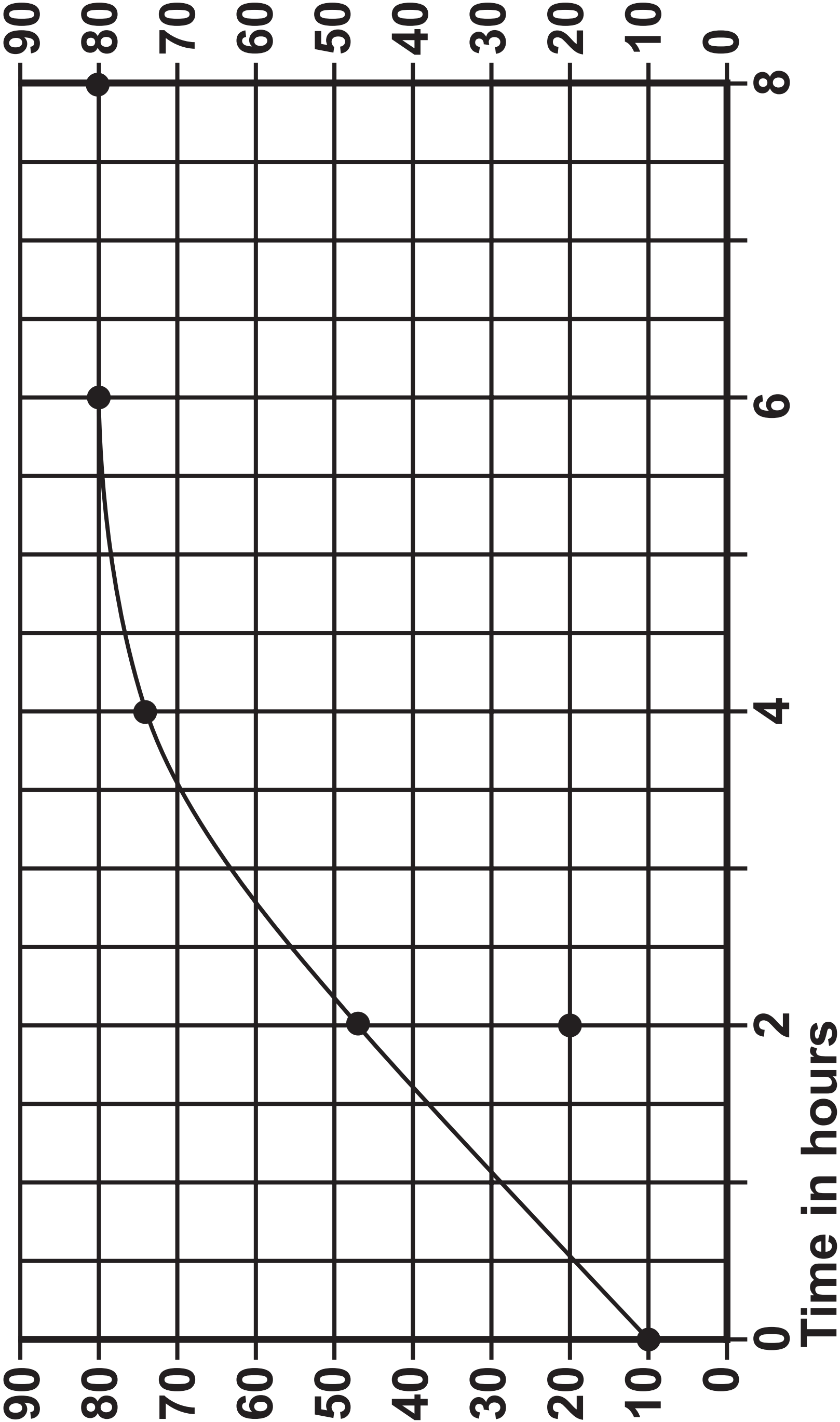
time in hours	number of bacteria at 10°C in thousands	number of bacteria at 20°C in thousands
0	10	10
2	20	47
4	30	74
6	40	80
8	50	80

Question 1(c)

FIGURE 2

Key: ●— results at 20°C

Number of bacteria in thousands

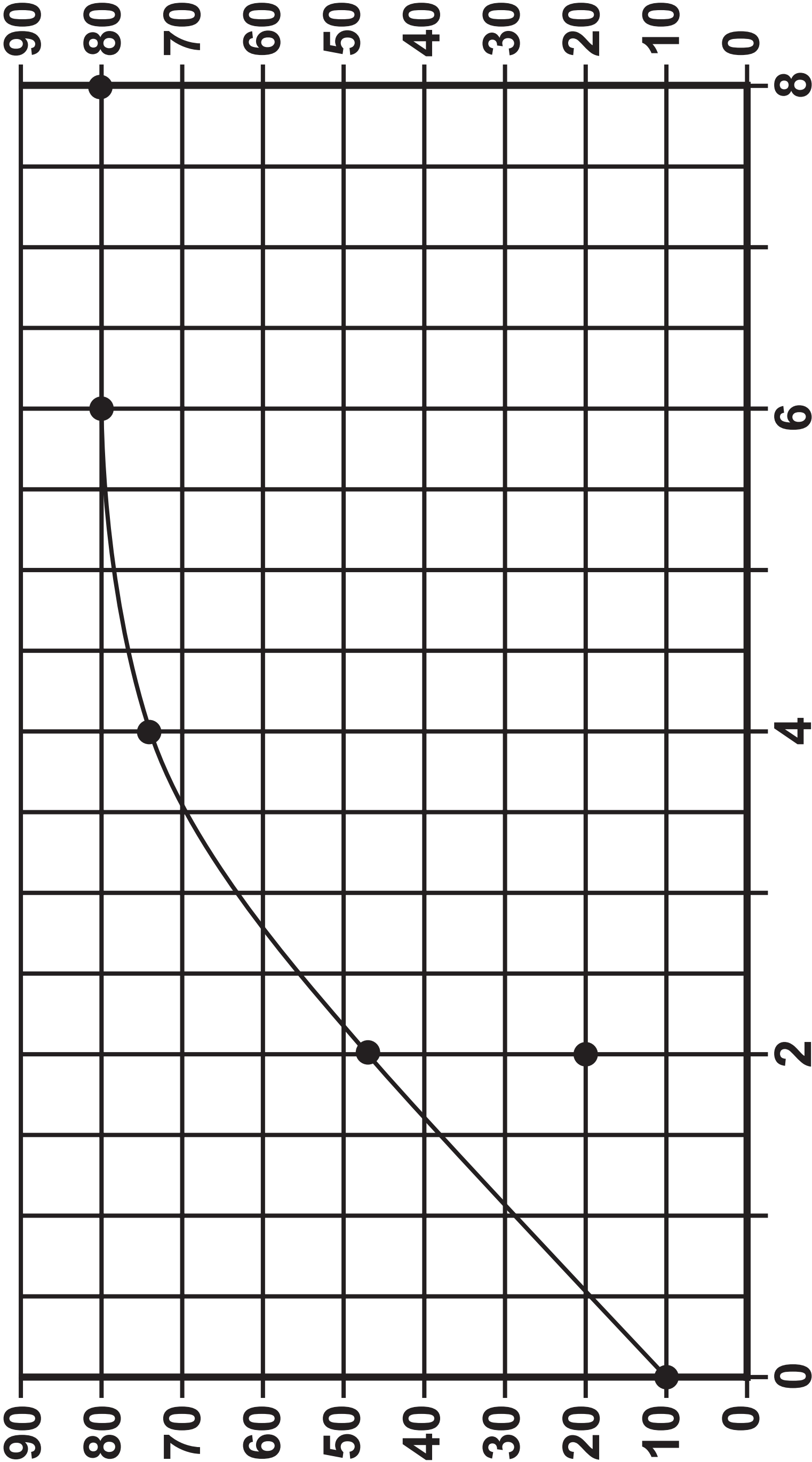


Question 1(c)

FIGURE 2

Key: ●— results at 20 °C

Number of bacteria in thousands



Time in hours



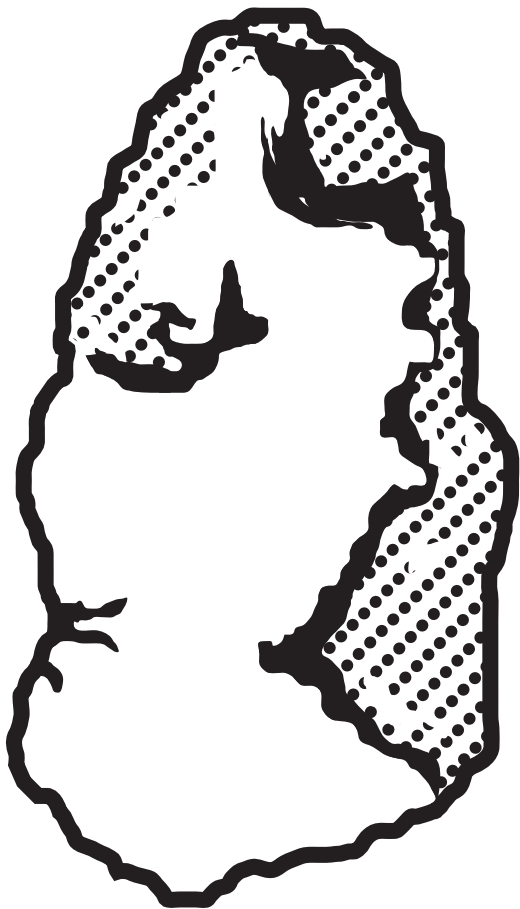
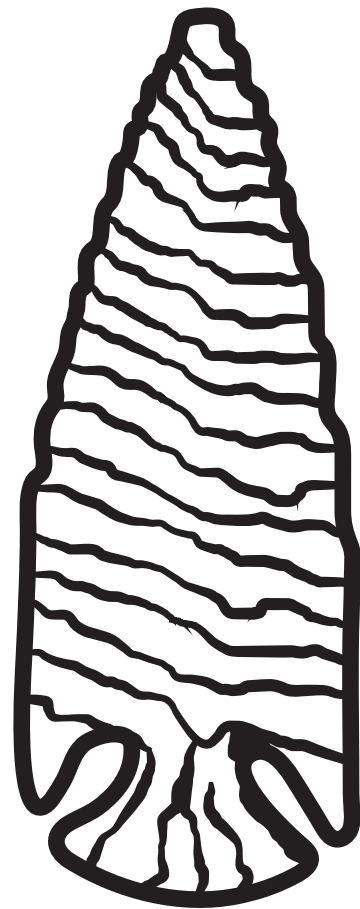
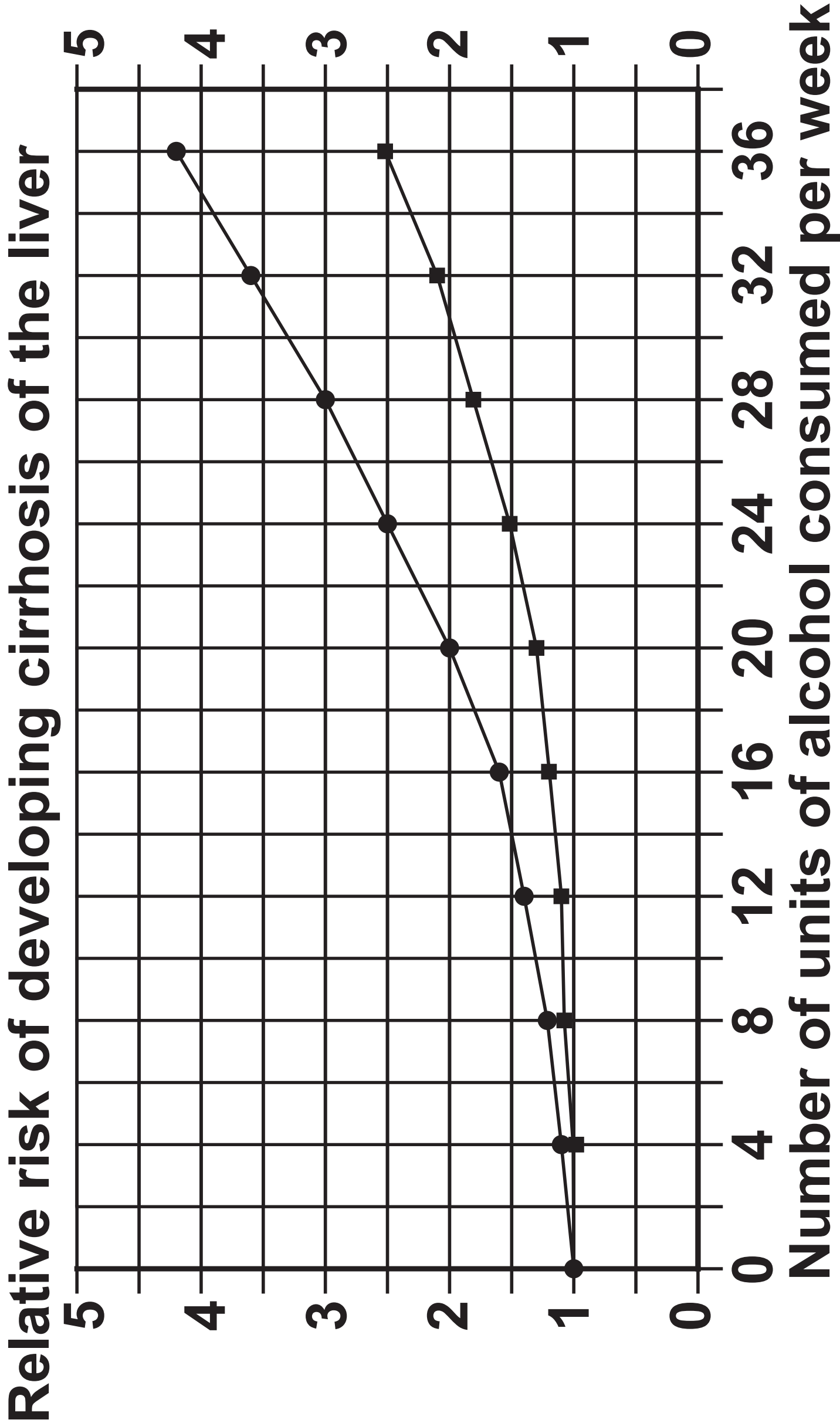
**Question 2(a)****FIGURE 3****Tool P****FIGURE 4****Tool Q**

FIGURE 5

Key

—●— drinks alcohol on its own

—■— drinks alcohol with meals



## Question 3(c)

FIGURE 6

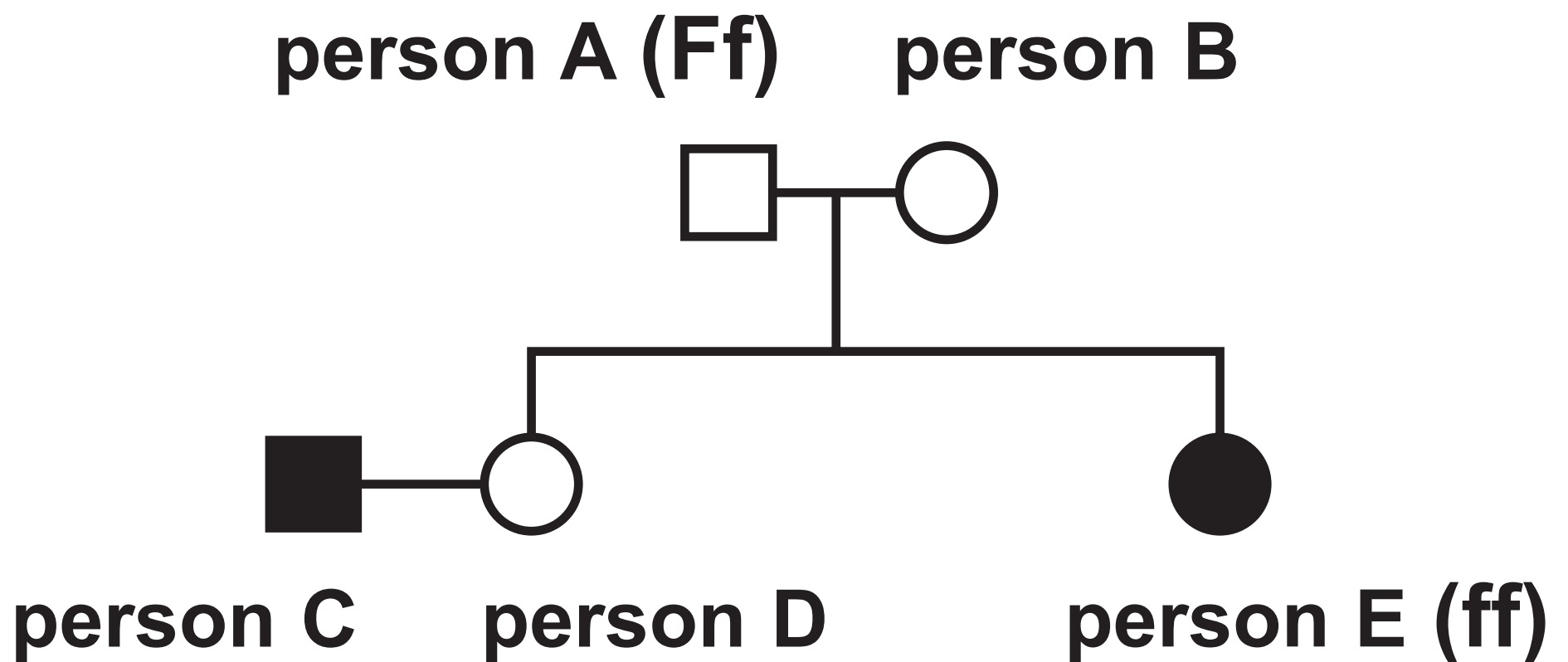
## Key

○ female without cystic fibrosis

● female with cystic fibrosis

□ male without cystic fibrosis

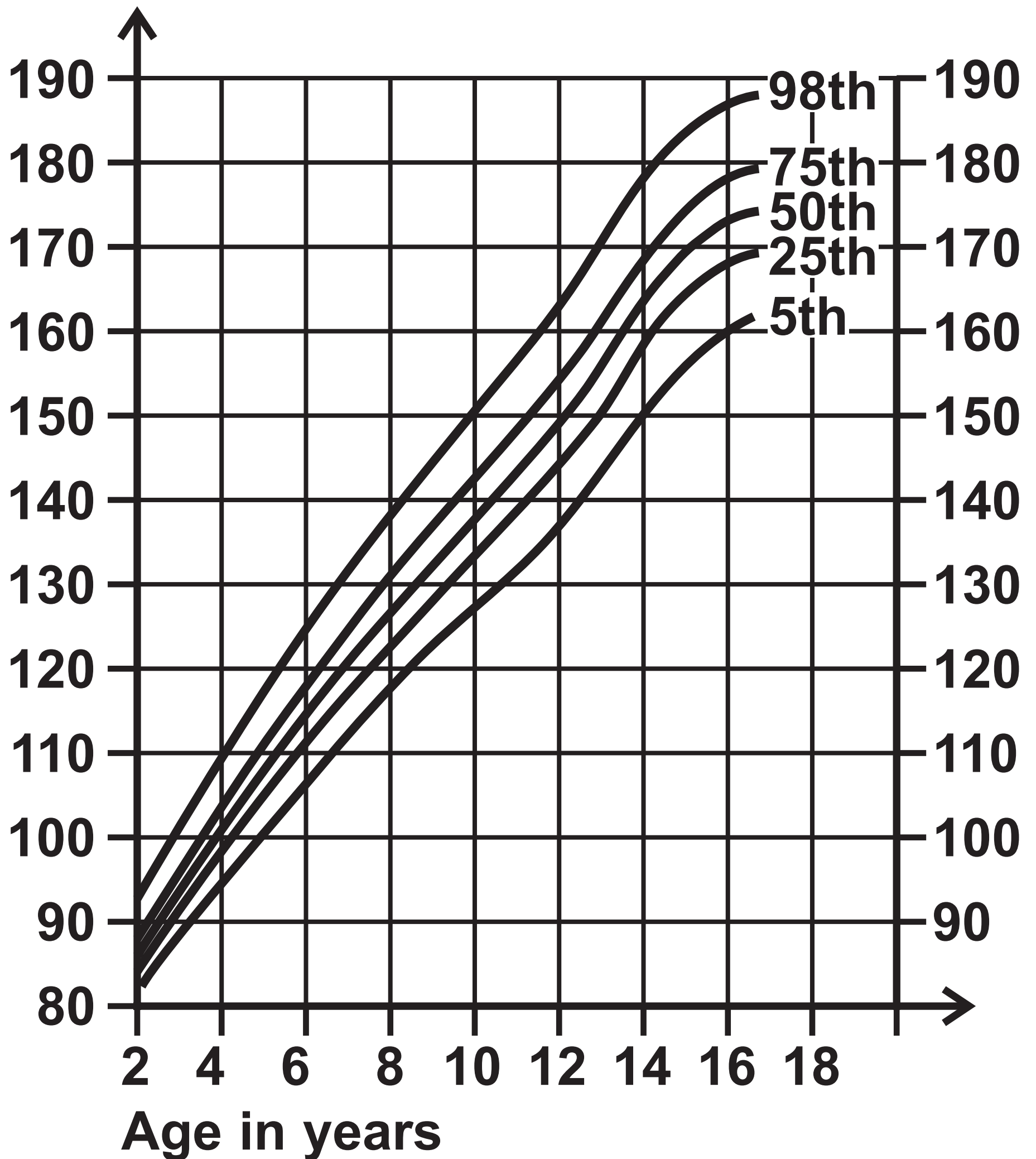
■ male with cystic fibrosis



## Question 4(a)

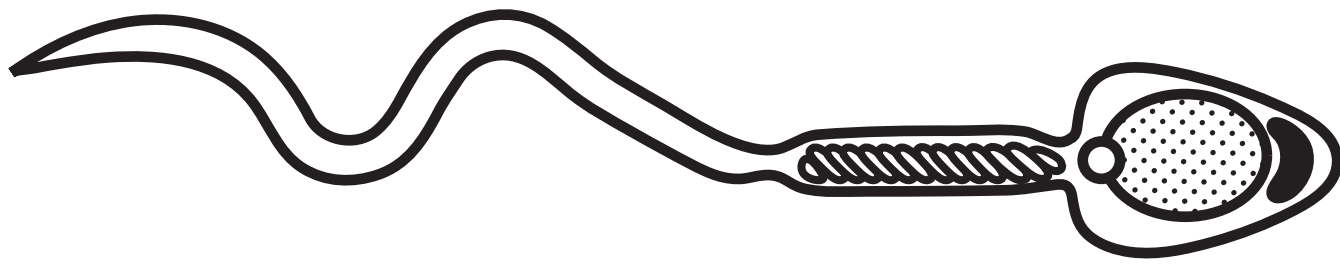
FIGURE 7

Height in cm



## Question 4(b(i))

FIGURE 8



Question 4(b)(ii)

	mitosis	meiosis
number of daughter cells produced		
number of chromosomes in each daughter cell		

Question 4(b)(ii)

	mitosis	meiosis
number of daughter cells produced		
number of chromosomes in each daughter cell		

## 19

# FIGURE 9

T	T	G	A	T	T	G	C	G	T	A	A
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[illegible]



# Question 5(b)

# FIGURE 9

T	T	G	A	T	T	G	C	G	T	A	A
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[illegible]

## Question 6(a)

FIGURE 10

<b>sexually transmitted infection (STI)</b>	<b>number of people diagnosed per 1000 of the population</b>
<b>chlamydia</b>	<b>3·7</b>
<b>gonorrhoea</b>	<b>0·8</b>
<b>genital herpes</b>	<b>0·6</b>
<b>genital warts</b>	<b>1·1</b>
<b>syphilis</b>	<b>0·1</b>