

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.

Surname					
Other names					
Centre Number					
Candidate Number					

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**

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

Question 1(c)

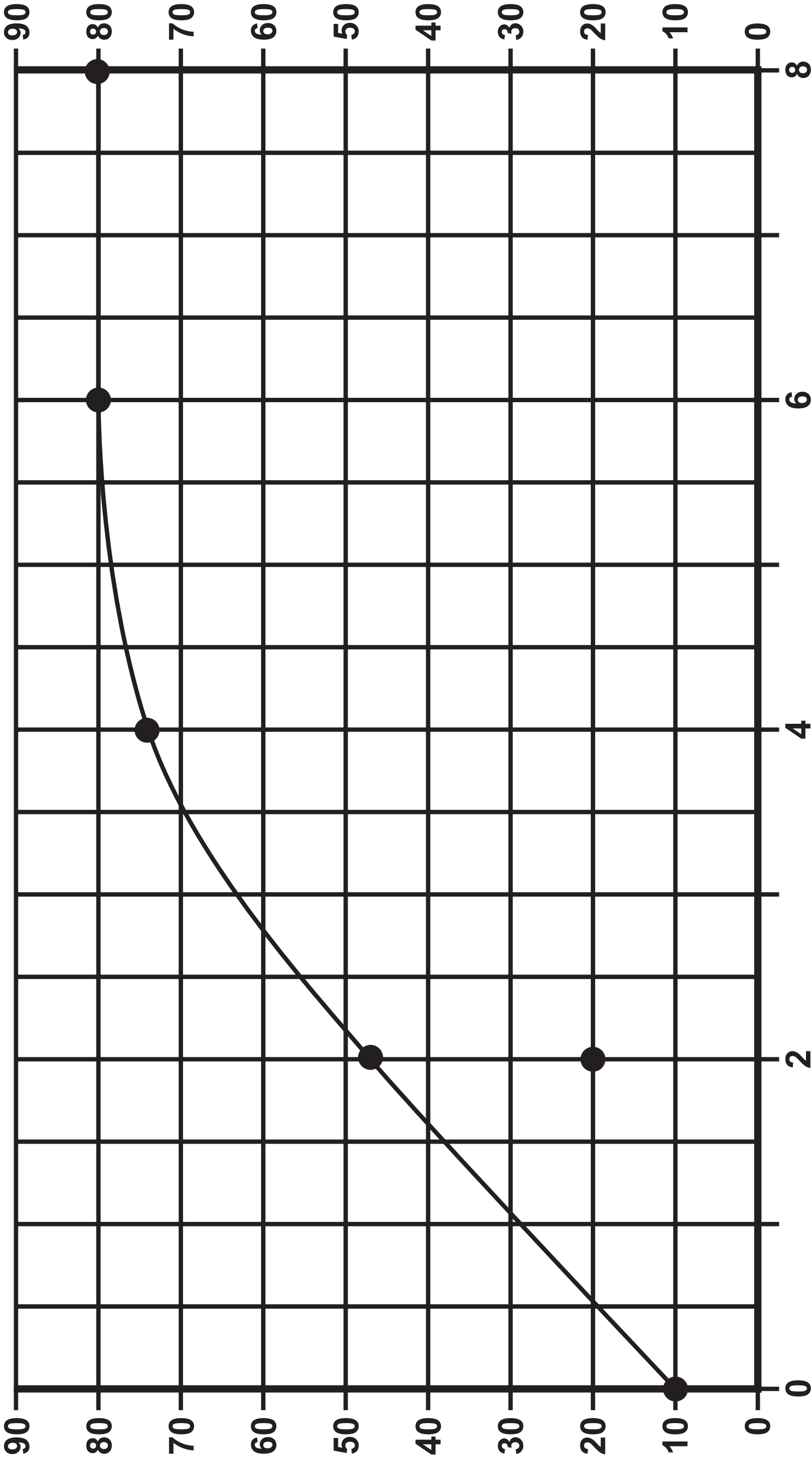
FIGURE 1

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

FIGURE 2

Key: —●— results at 20 °C

Number of bacteria in thousands

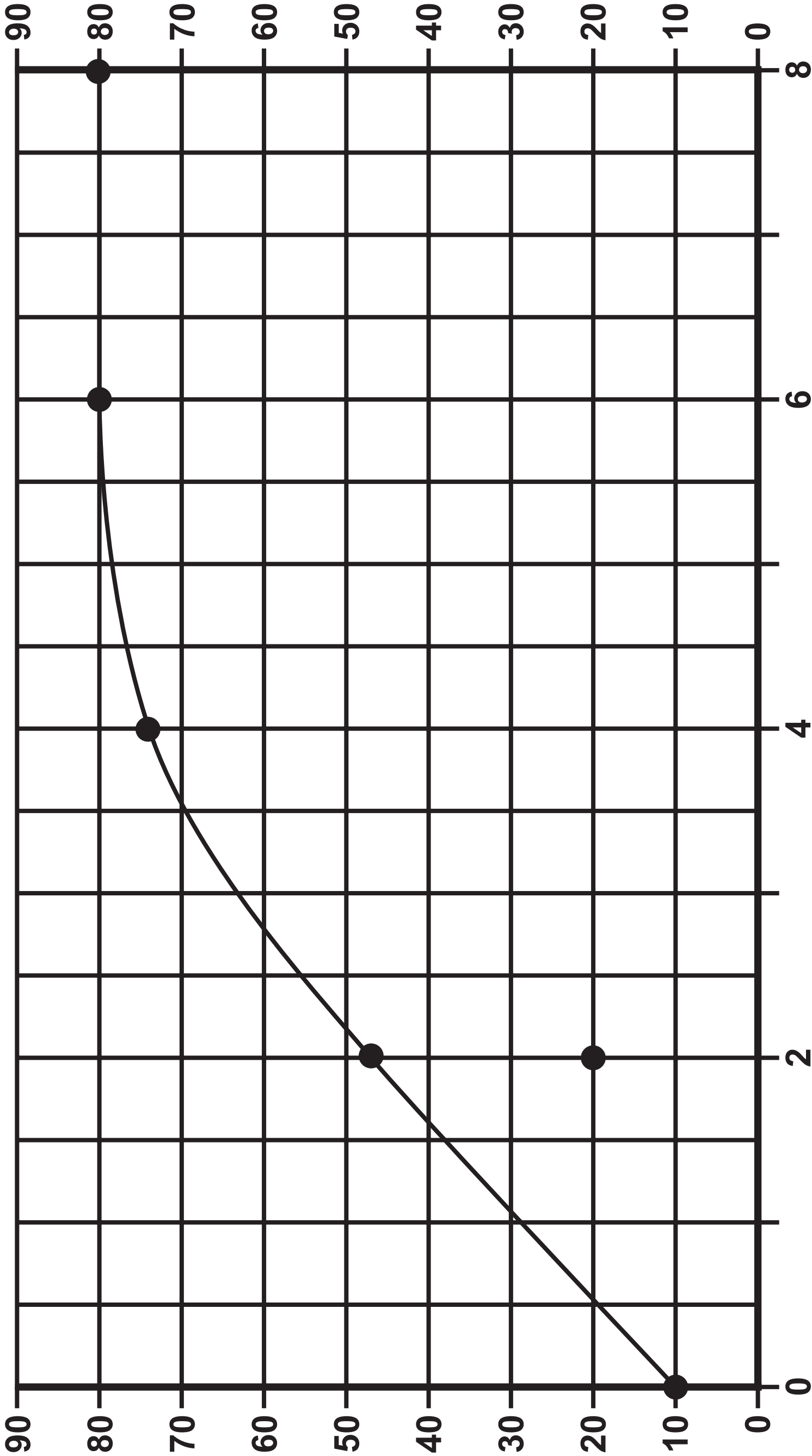


Time in hours

FIGURE 2

Key: —●— results at 20 °C

Number of bacteria in thousands



Time in hours

Question 2(a)

FIGURE 3

Tool P

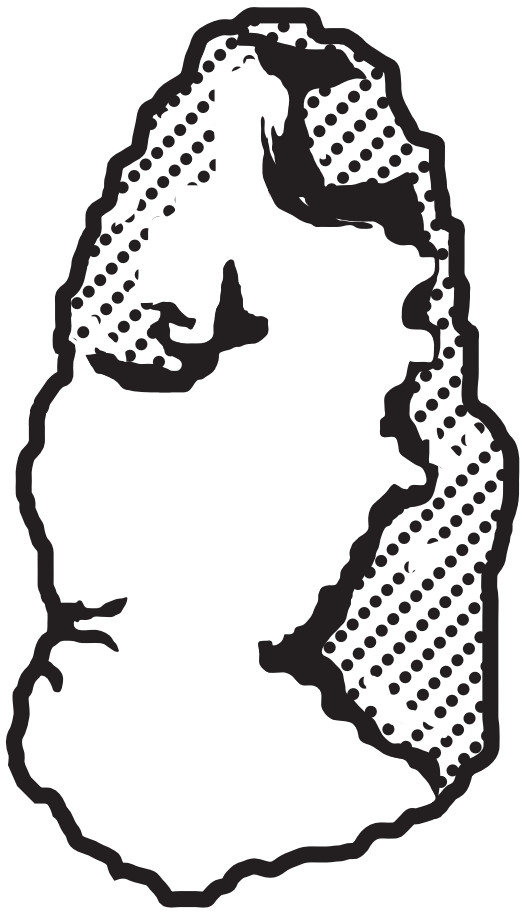


FIGURE 4

Tool Q

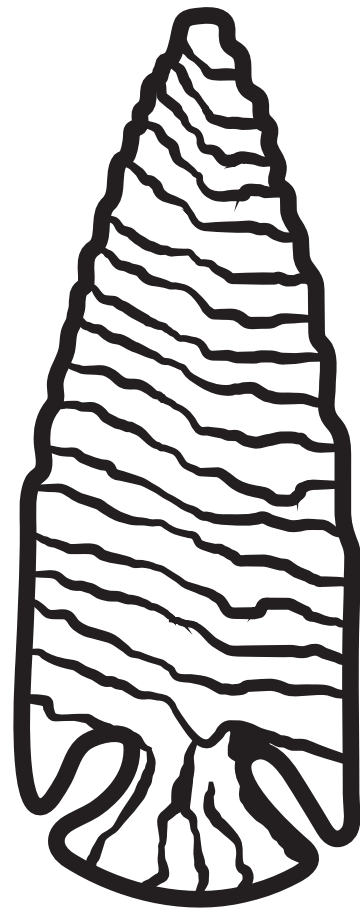
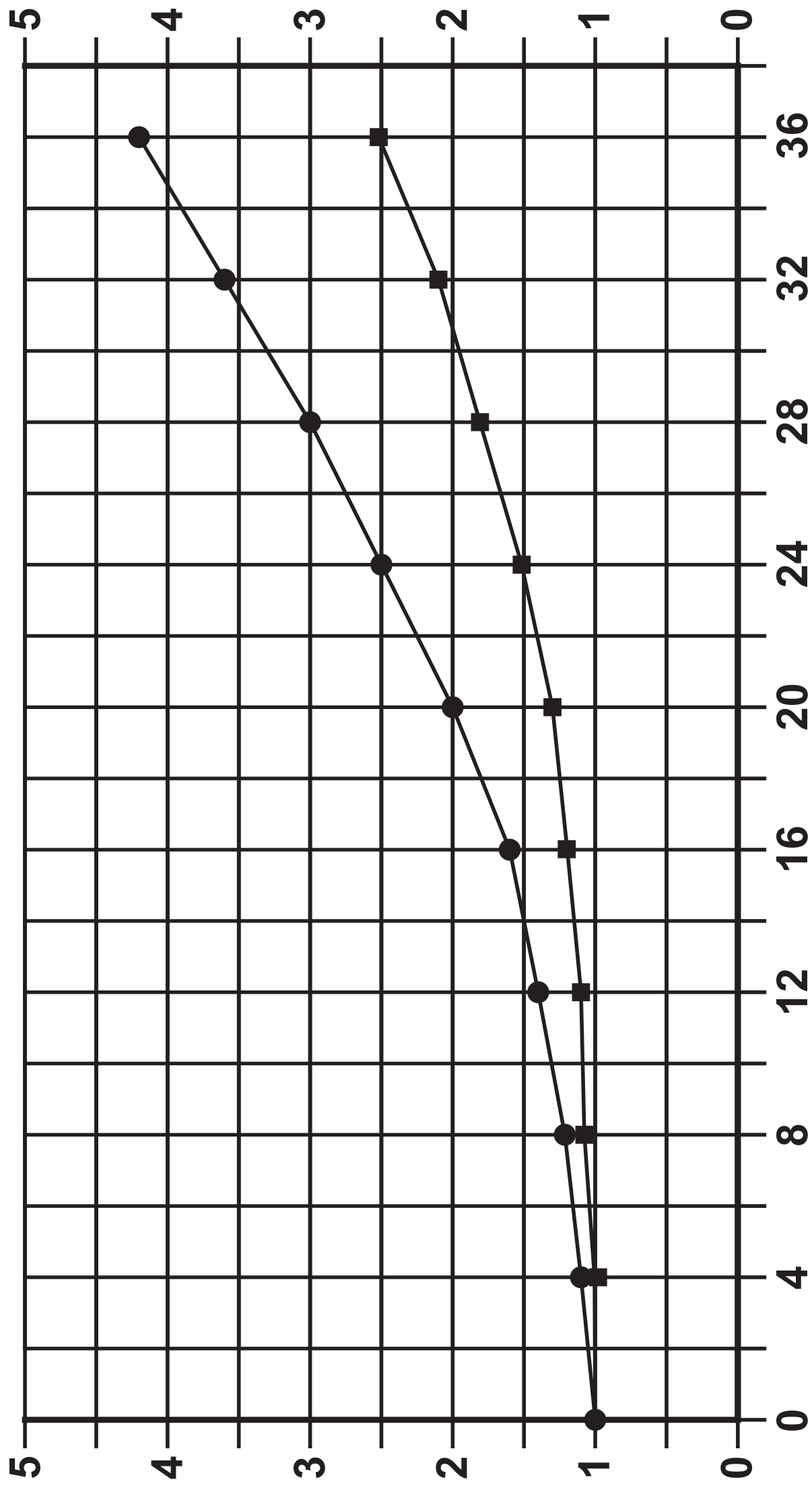


FIGURE 5

- Key
- drinks alcohol on its own
 - drinks alcohol with meals

Relative risk of developing
cirrhosis of the liver



Number of units of alcohol consumed per week

Question 3(c)

FIGURE 6

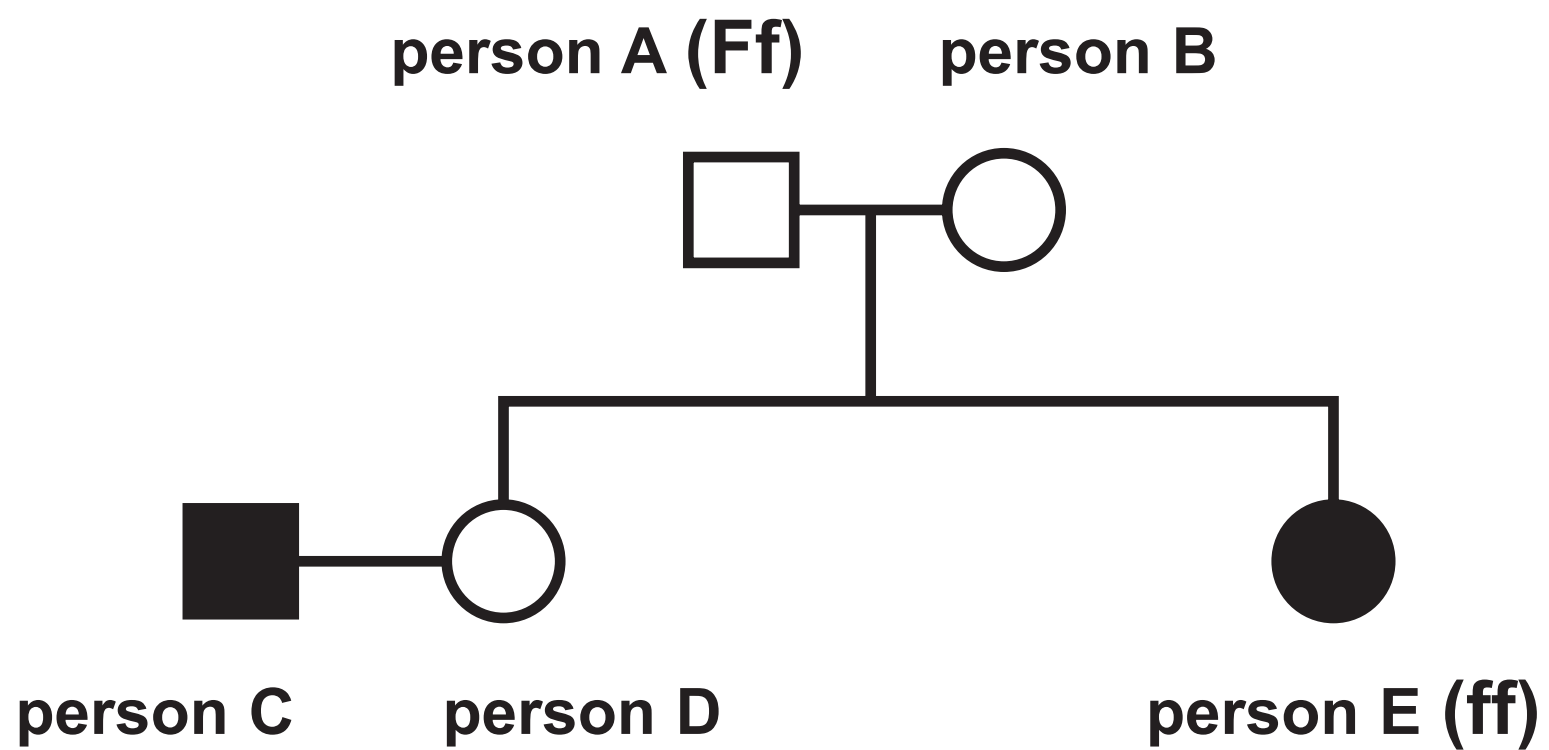
Key

○ female without cystic fibrosis

● female with cystic fibrosis

□ male without cystic fibrosis

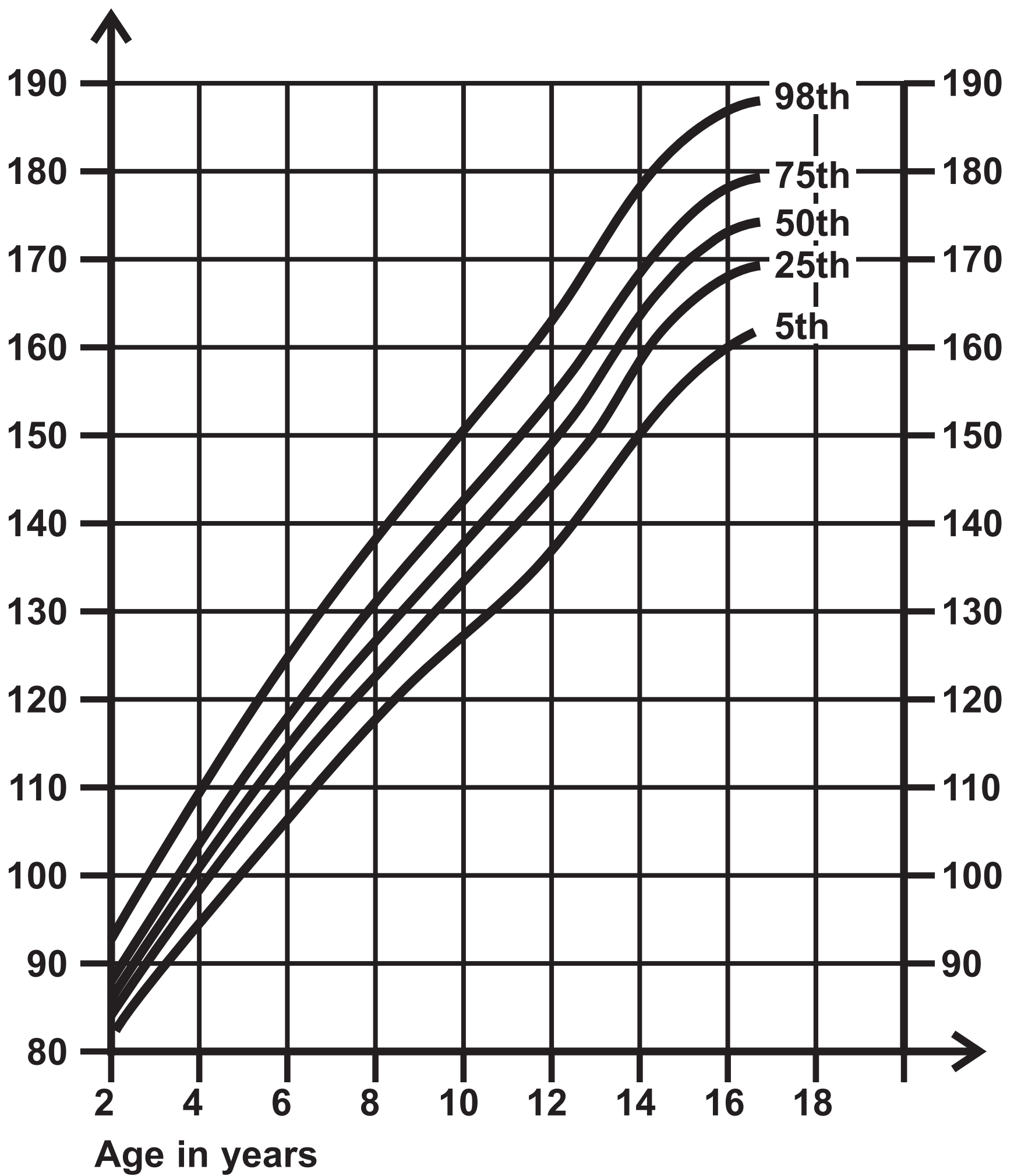
■ male with cystic fibrosis



Question 4(a)

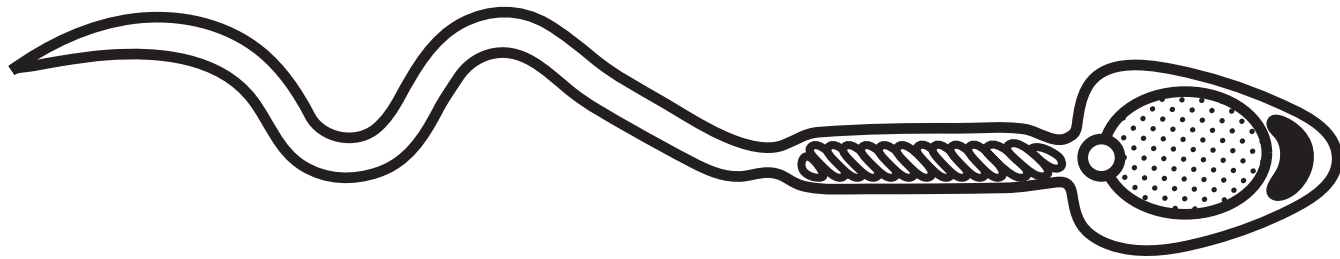
FIGURE 7

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		

Question 5(b)

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

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