



Oxford Cambridge and RSA

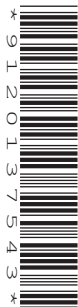
**Wednesday 8 June 2022 – Afternoon**

**AS Level Mathematics B (MEI)**

**H630/02 Pure Mathematics and Statistics**

**Printed Answer Booklet**

**Time allowed: 1 hour 30 minutes**



**You must have:**

- Question Paper H630/02 (inside this document)
- a scientific or graphical calculator



Please write clearly in black ink. **Do not write in the barcodes.**

Centre number

--	--	--	--	--

Candidate number

--	--	--	--

First name(s)

---

Last name

---

**INSTRUCTIONS**

- Use black ink. You can use an HB pencil, but only for graphs and diagrams.
- Write your answer to each question in the space provided in the **Printed Answer Booklet**. If you need extra space use the lined pages at the end of the Printed Answer Booklet. The question numbers must be clearly shown.
- Answer **all** the questions.
- Where appropriate, your answer should be supported with working. Marks might be given for using a correct method, even if your answer is wrong.
- Give your final answers to a degree of accuracy that is appropriate to the context.

**INFORMATION**

- This document has **16** pages.

**ADVICE**

- Read each question carefully before you start your answer.

<b>1</b>	
<b>2(a)</b>	
<b>2(b)</b>	
<b>3</b>	

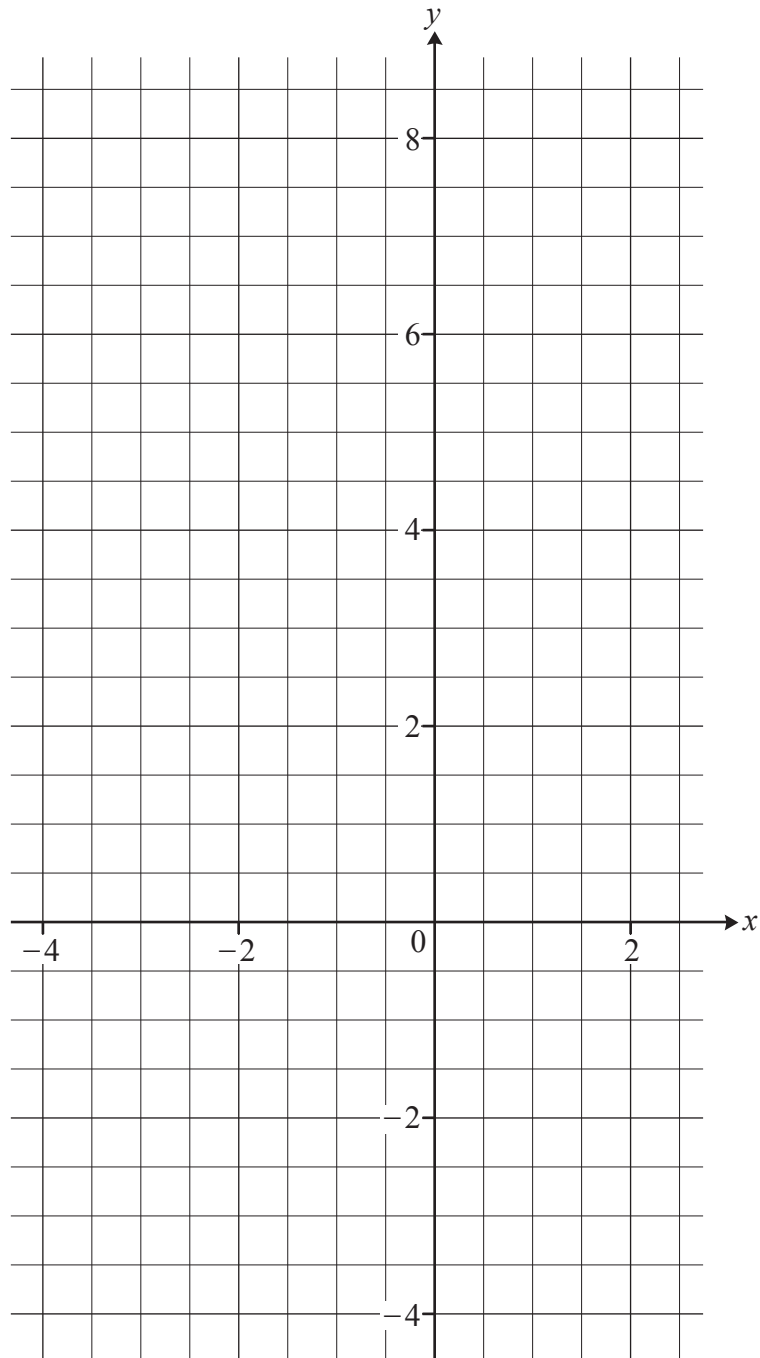
<b>4(a)</b>	
<b>4(b)</b>	
<b>5(a)</b>	

<b>5(b)</b>	
	Mean =
	Standard deviation =
<b>5(c)</b>	
<b>5(d)</b>	
<b>6(a)</b>	
<b>6(b)</b>	

<b>6(c)</b>	
<b>6(d)</b>	

**DO NOT WRITE IN THIS SPACE**

7(a)



There is a spare copy of this graph on page 13.

<b>7(b)</b>	
<b>8(a)</b>	
<b>8(b)</b>	

<b>8(c)</b>	
<b>8(d)</b>	
<b>8(e)</b>	
<b>8(f)</b>	



<b>9(a)</b>	
<b>9(b)</b>	
<b>9(c)</b>	
<b>9(d)</b>	



**11(a)**

---



---



---

**11(b)**

---



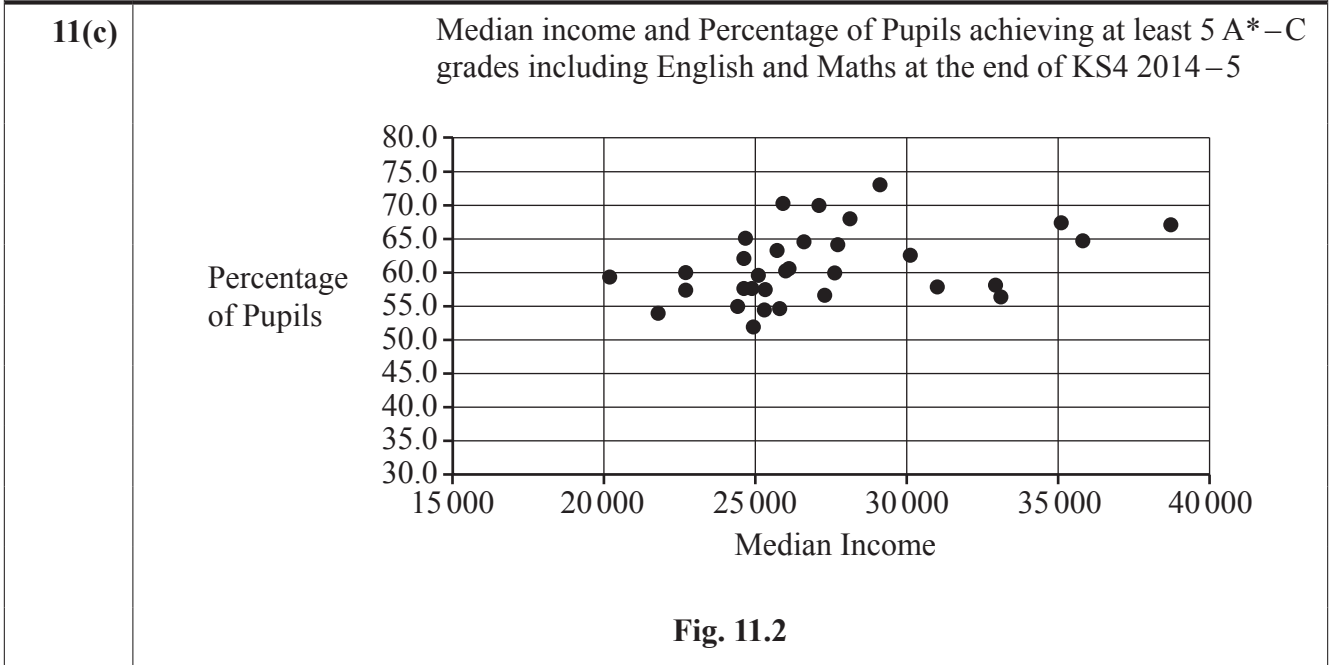
---



---



---



**11(d)**

---



---



---



---



---



---



---



---



---

<b>11(e)</b>	
<b>11(f)</b>	
<b>11(g)</b>	

Spare copy of graph for Q7(a)

