

**Pearson Edexcel Award**  
**Paper Reference ANM10/1A**

**Number and Measure**  
**Level 1**  
**Section A (Calculator)**

**Thursday 4 May 2017 - Morning**

**Time: 1 hour**  
**plus your additional time allowance**

**You must have:**  
**Ruler graduated in cm and mm, protractor,**  
**pen, HB pencil, eraser.**

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

# Instructions

- Use **BLACK** ink or ball-point pen.
- **FILL IN THE BOXES** on the front page with your name, centre number and candidate number.
- Answer **ALL** questions.
- Answer the questions in the spaces provided  
– there may be more space than you need.
- **CALCULATORS MAY BE USED.**
- If your calculator does not have a  $\pi$  button, take the value of  $\pi$  to be 3.142 unless the question instructs otherwise.



**(Turn over)**

## **Information**

- **The total mark for this section is 50**
- **The marks for EACH question are shown in brackets**
  - **use this as a guide as to how much time to spend on each question.**

## **Advice**

- **Read each question carefully before you start to answer it.**
- **Keep an eye on the time.**
- **Try to answer every question.**
- **Check your answers if you have time at the end.**

**(Turn over)**

## **Section A**

**Answer ALL questions.**

**Write your answers in the spaces provided.**

**You must write down all stages in your working.**

**(Questions begin on next page)**

**(Turn over)**

**1 Here is a list of numbers.**

**5      9      10      13      18      27      32**

**From the list**

**(a) write down a factor of 30**

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**(1 mark)**

**(b) write down a multiple of 6**

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**(1 mark)**

**(Question continues on next page)**

**(Turn over)**

**(c) write down a prime number**

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**(1 mark)**

**(d) write down two numbers with  
a sum of 22**

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**(1 mark)**

**(Total for Question 1 is 4 marks)**

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**(Turn over)**

- 2 (a) Use your calculator to work out**  
 **$83 \cdot 2 - 7 \cdot 54 + 7 \cdot 3$**

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**(1 mark)**

- (b) Use your calculator to work out**  
 **$5 \cdot 46 \div 0 \cdot 35$**

---

**(1 mark)**

**(Question continues on next page)**

**(Turn over)**

**(c) Use your calculator to work out  
 $9.53 \times 1.3$**

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**(1 mark)**

**(d) Round 14.27 to the nearest whole number.**

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**(1 mark)**

**(Question continues on next page)**

**(Turn over)**



**(e) Write the number 428 in words.**

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**(1 mark)**

**(f) Write 40% as a decimal.**

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**(1 mark)**

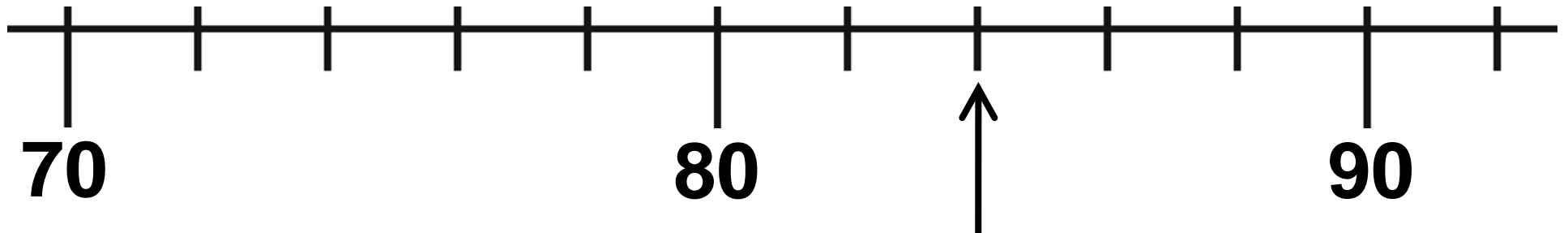
**(Total for Question 2 is 6 marks)**

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**(Turn over)**

10

3



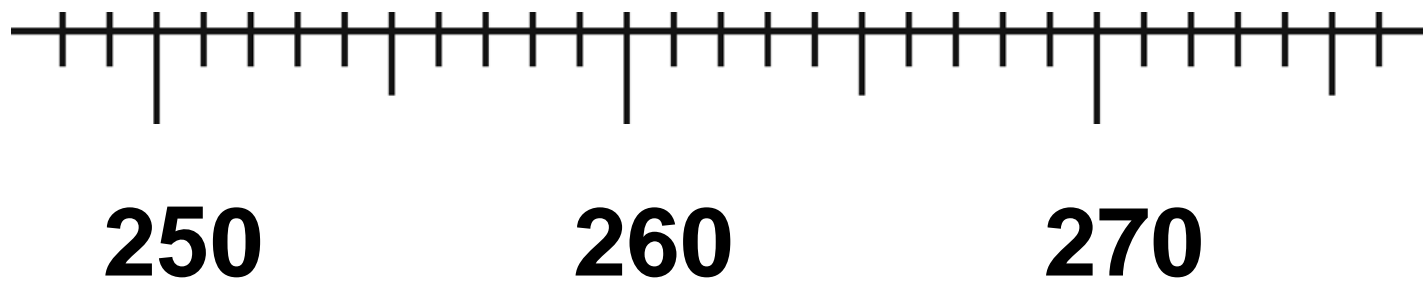
**(a) Write down the number shown by the arrow.**

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**(1 mark)**

**(Question continues on next page)**

**(Turn over)**



**(b) On the scale, mark with an arrow (↑) the number 267 (1 mark)**

**(Total for Question 3 is 2 marks)**

---

**(Turn over)**

**4 Here is part of a calendar for August 2016**

<b>August 2016</b>						
<b>Sun</b>	<b>Mon</b>	<b>Tues</b>	<b>Weds</b>	<b>Thurs</b>	<b>Fri</b>	<b>Sat</b>
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>

**(a) What day of the week was the 29th August 2016?**

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**(1 mark)**

**(Question continues on next page)**

**(Turn over)**

**(b) What was the date two weeks before the 7th August 2016?**

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**(2 marks)**

**(Total for Question 4 is 3 marks)**

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**(Turn over)**

**5 Ali invests £850 at 4% interest for one year.**

**How much interest does he get for one year?**

**£** \_\_\_\_\_

**(Total for Question 5 is 2 marks)**

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**(Turn over)**

**6 Emma buys**

**2 pens at 59p each**

**3 pencils at 27p each**

**1 book for £3.95**

**She pays with a £10 note.**

**How much change should Emma get?**

**£**

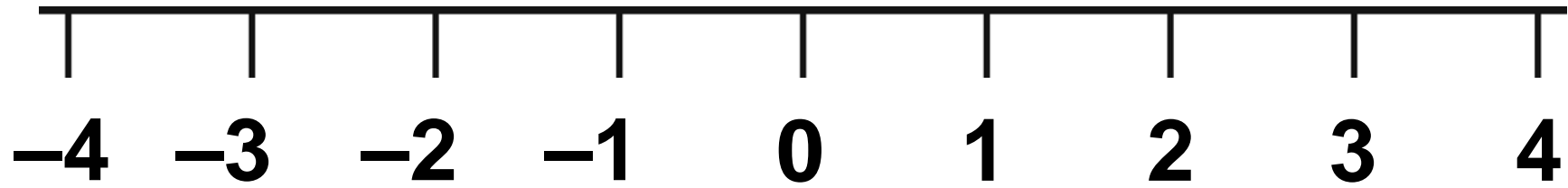
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**(Total for Question 6 is 4 marks)**

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**(Turn over)**

**7 Here is part of a number line.**



**(a) Write these numbers in order of size.**

**Start with the smallest number.**

**-3      3      0      -4      2      -1**

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**(1 mark)**

**(Question continues on next page)**

**(Turn over)**



**(b) Work out  $-3 + 7$**

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**(1 mark)**

**(c) Work out  $2 - 5$**

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**(1 mark)**

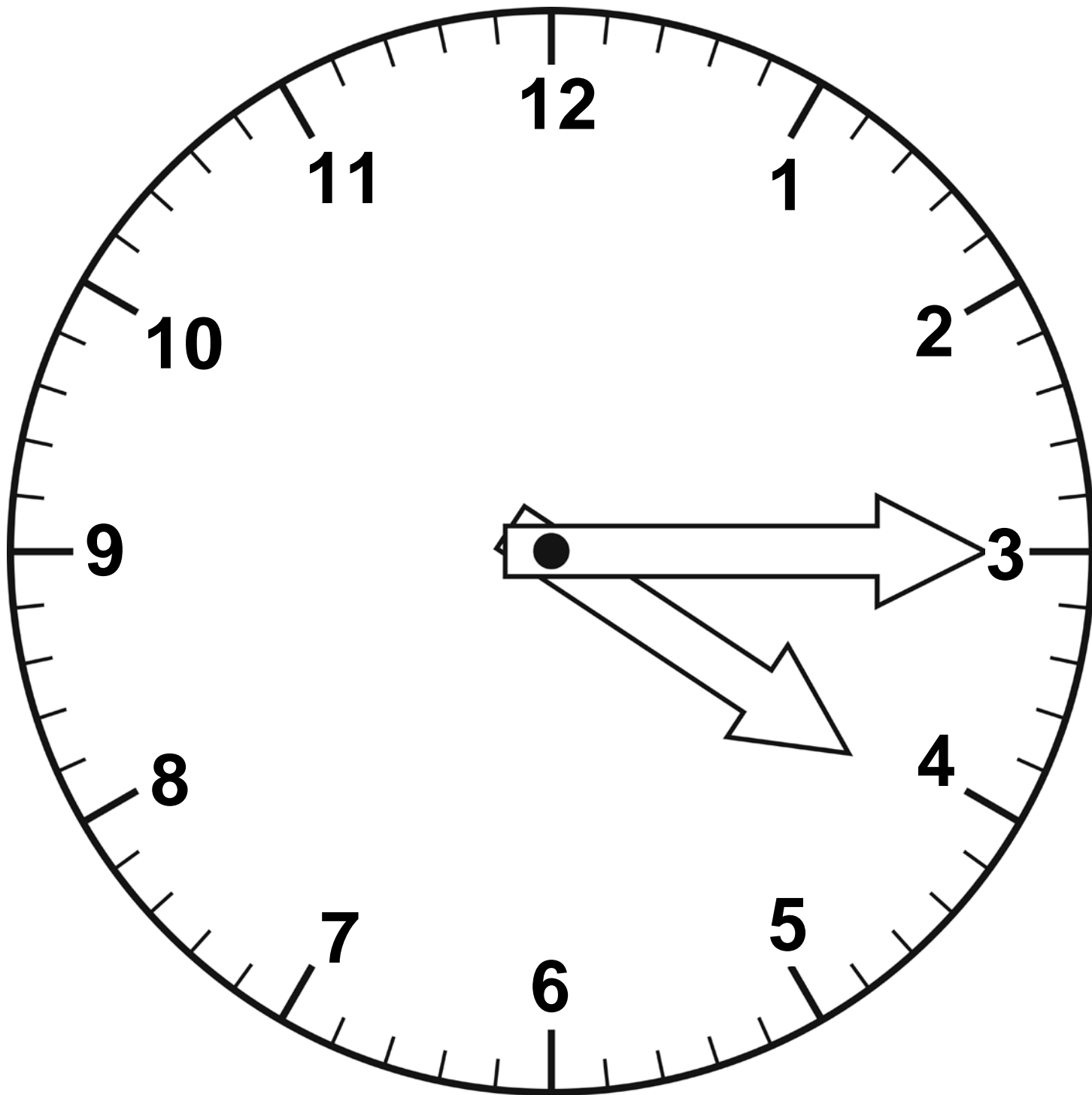
**(Total for Question 7 is 3 marks)**

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**(Turn over)**

18

8



(Continues on next page)

(Turn over)

**It is afternoon.**

**(a) Write down the time shown on the clock on page 18.**

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**(2 marks)**

**(Question continues on next page)**

**(Turn over)**

**(b) Write 205 minutes in hours and minutes.**

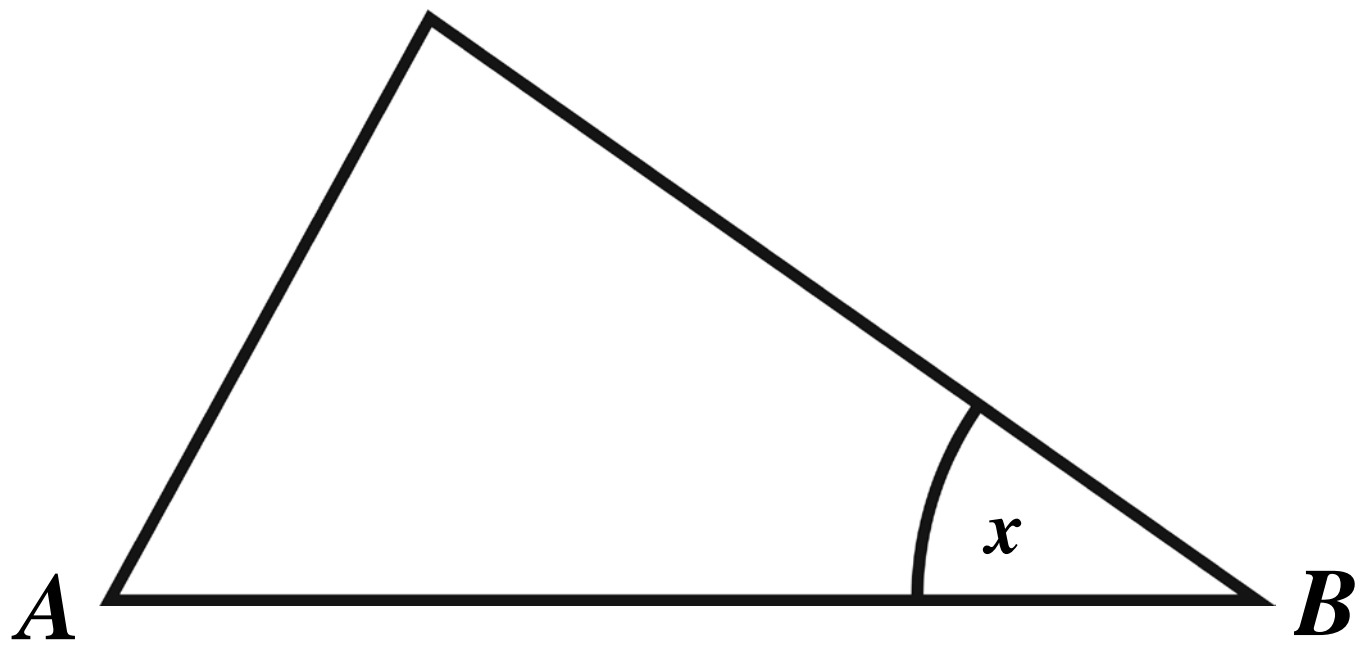
\_\_\_\_\_ hours \_\_\_\_\_ minutes  
(2 marks)

**(Total for Question 8 is 4 marks)**

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**(Turn over)**

9 Here is a triangle.



(a) Measure, in cm, the length of the side  $AB$ .

\_\_\_\_\_ cm  
(1 mark)

(Question continues on next page)

(Turn over)

**(b) Measure the size of the angle marked  $x$ .**

0

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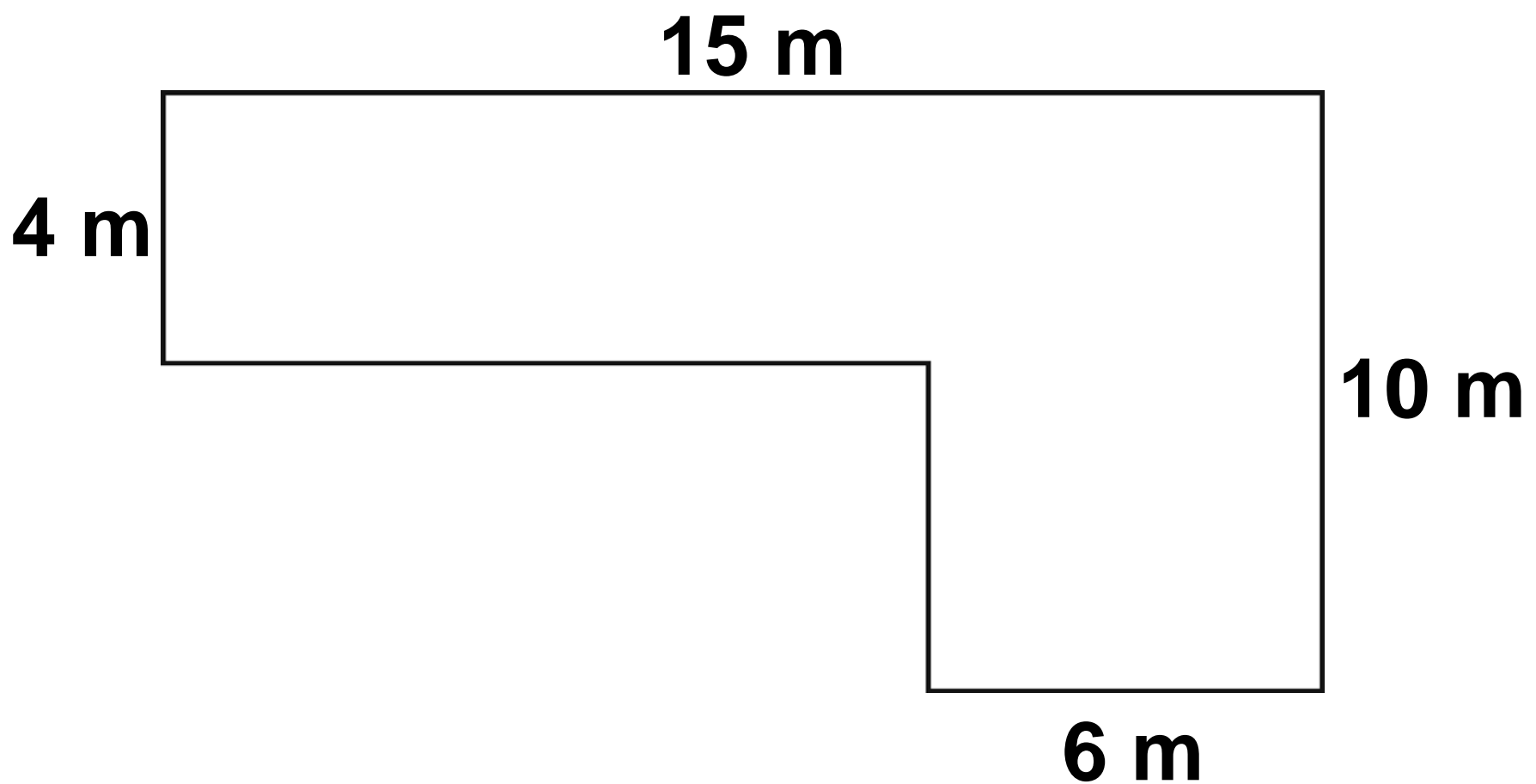
**(1 mark)**

**(Total for Question 9 is 2 marks)**

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**(Turn over)**

**10 The diagram shows a garden made from rectangles.**



**Work out the area of the garden.**

**(Write your answer on the next page)**

**(Turn over)**

**24**

**m<sup>2</sup>**

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**(Total for Question 10 is 3 marks)**

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**(Turn over)**



**11 Here is some information about the six players in a table football competition.**

<b>Player</b>	<b>Age</b>	<b>Number of games won</b>	<b>Goals Scored</b>	<b>Goals let in</b>
<b>Alice</b>	<b>18</b>	<b>2</b>	<b>28</b>	<b>36</b>
<b>Barney</b>	<b>17</b>	<b>2</b>	<b>44</b>	<b>39</b>
<b>Craig</b>	<b>19</b>	<b>2</b>	<b>31</b>	<b>43</b>
<b>Danny</b>	<b>15</b>	<b>1</b>	<b>33</b>	<b>42</b>
<b>Elaine</b>	<b>16</b>	<b>5</b>	<b>50</b>	<b>23</b>
<b>Fred</b>	<b>17</b>	<b>3</b>	<b>33</b>	<b>36</b>

**(Continues on next page)**

**(Turn over)**

**(a) Which two players are the same age?**

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**(1 mark)**

**(b) Which player scored the least number of goals?**

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**(1 mark)**

**(Question continues on next page)**

**(Turn over)**

**(c) Which player let in the greatest number of goals?**

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**(1 mark)**

**(Total for Question 11 is 3 marks)**

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**(Turn over)**

**12 (a) Work out**

**3 km 450 m + 2 km 650 m – 1 km 700 m**

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**(2 marks)**

**(Question continues on next page)**

**(Turn over)**

**(b) Change 2·3 litres into millilitres.**

**millilitres**

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**(1 mark)**

**(c) Change 540 mm into cm.**

**cm**

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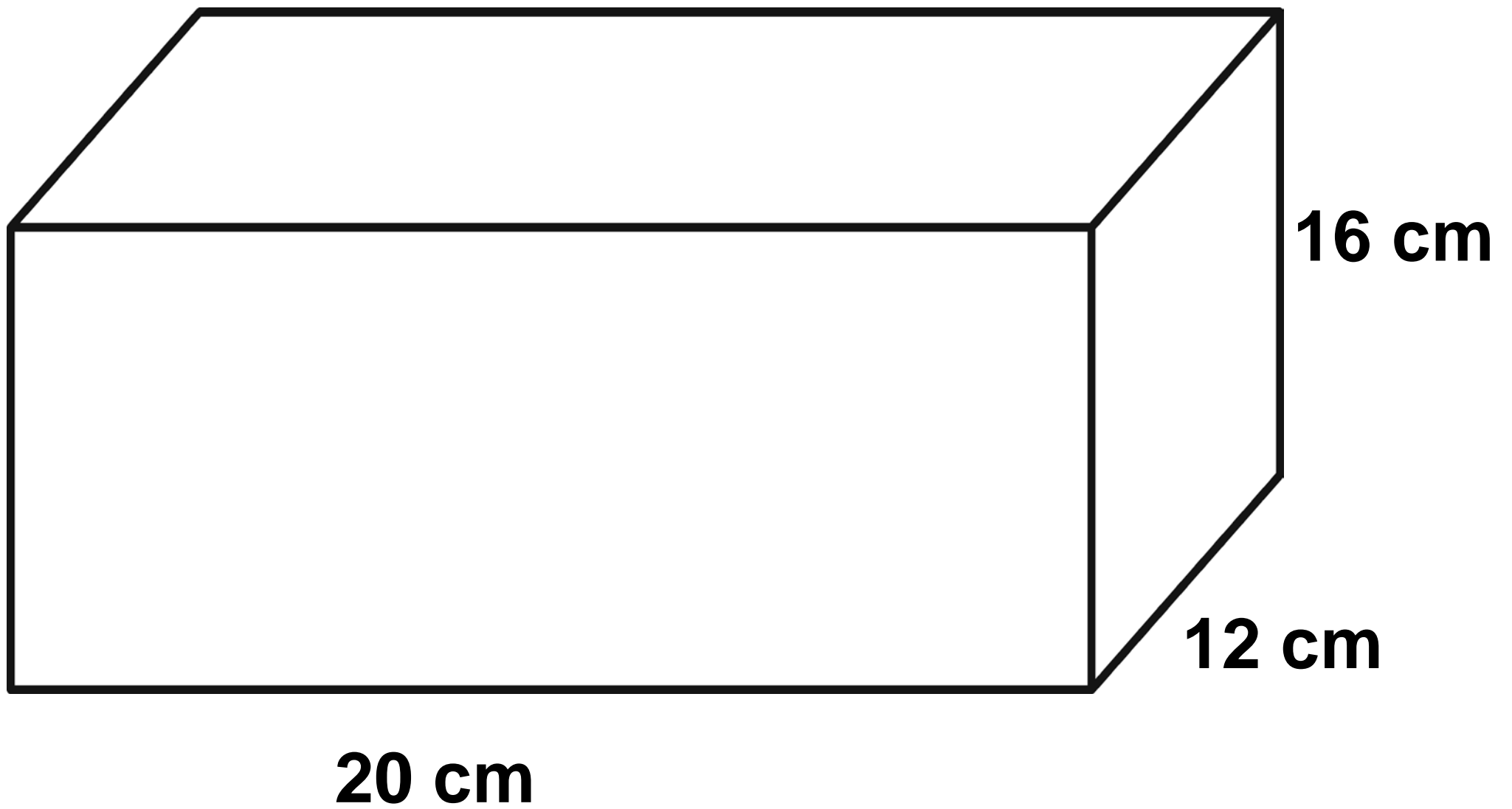
**(1 mark)**

**(Total for Question 12 is 4 marks)**

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**(Turn over)**

**13 Work out the volume of this cuboid.**



**(Continue answer on next page)**

**(Turn over)**

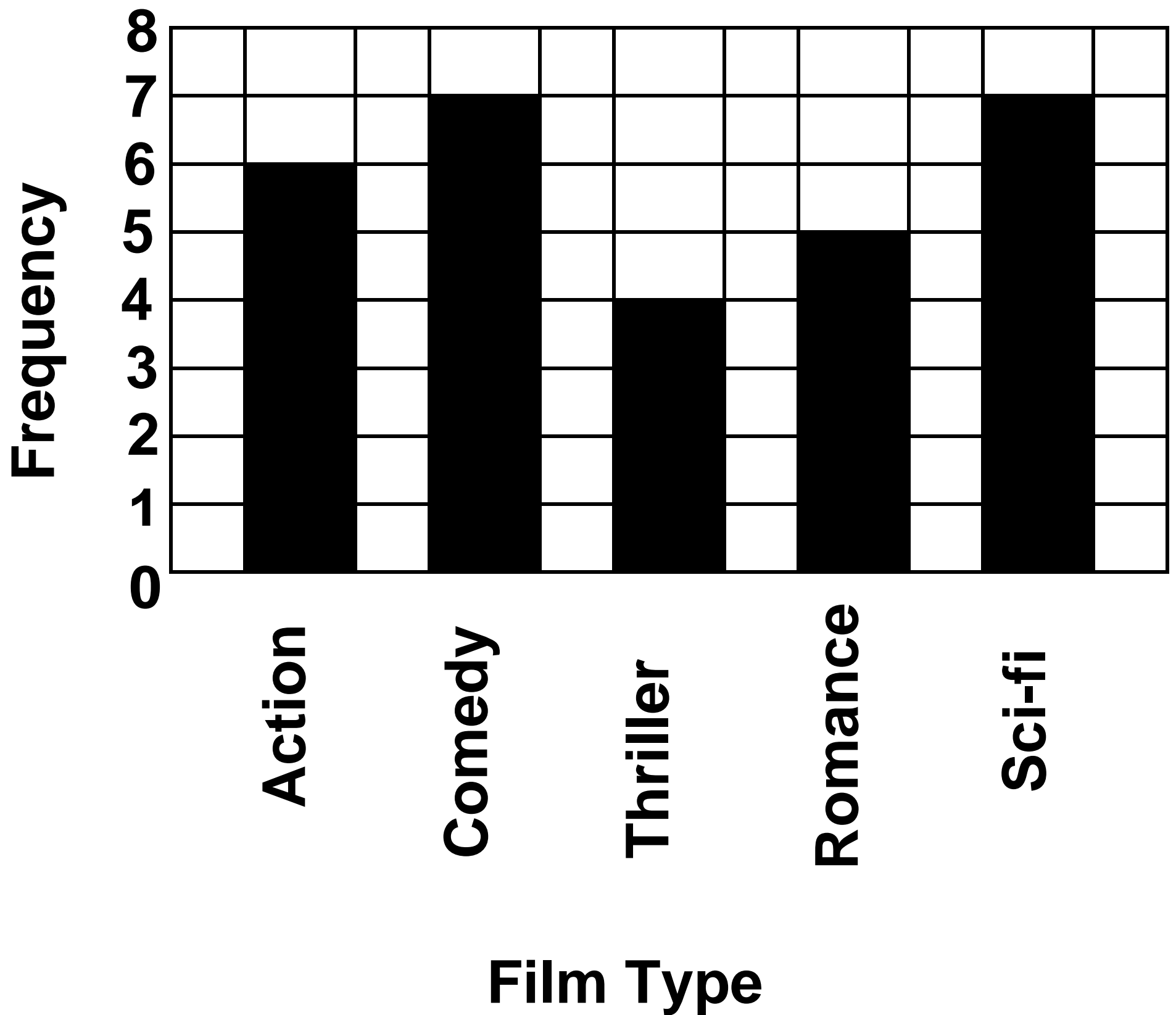
cm<sup>3</sup>

**(Total for Question 13 is 2 marks)**

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**(Turn over)**

**14 The bar chart shows information about the favourite film type of each student in class 11P.**



**(Continues on next page)**

**(Turn over)**



**(a) How many students said Romance was their favourite?**

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**(1 mark)**

**(b) Which two film types have the same frequency?**

**\_\_\_\_\_ and \_\_\_\_\_**  
**(1 mark)**

**(Question continues on next page)**

**(Turn over)**

**(c) How many students are in class 11P?**

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**(2 marks)**

**(Total for Question 14 is 4 marks)**

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**(Turn over)**

**15 Here is information from Tilly's gas bill.**

**Gas R us**

**Gas Bill March 2016**

**Cost per unit 22p**

**Monthly charge £11.40**

**Reading 31st March 4671**

**Reading 1st March 4512**

**Units used ..... units**

**Work out the total of Tilly's gas bill.  
(4 marks)**

**(Write your answer on the next two pages)**

**(Turn over)**

**(Continue answer on next page)**

**(Turn over)**

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**(Total for Question 15 is 4 marks)**

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**TOTAL FOR SECTION A IS 50 MARKS**