

**Paper Reference 1MA1/3F**  
**Pearson Edexcel**  
**Level 1/Level 2 GCSE (9–1)**

**Mathematics**  
**Paper 3**  
**(Calculator)**  
**Foundation Tier**

**Monday 11 November 2019 – Afternoon**

**Diagram Book**

**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 BOOK MUST BE  
RETURNED WITH THE QUESTION  
PAPER AT THE END OF THE  
EXAMINATION.**

# **Contents**

## **Page**

<b>5</b>	<b>Question 6</b>
<b>6</b>	<b>Question 9(a)</b>
<b>7</b>	<b>Question 9(b)</b>
<b>8</b>	<b>Question 9(b) (Spare copy)</b>
<b>9</b>	<b>Question 10(a)</b>
<b>10</b>	<b>Question 10(b)</b>
<b>11</b>	<b>Question 12</b>
<b>12</b>	<b>Question 13</b>
<b>13</b>	<b>Question 14(a)</b>
<b>14</b>	<b>Question 14(b)</b>
<b>15</b>	<b>Question 16</b>
<b>16</b>	<b>Question 16 (Spare copy)</b>

**(continued on the next page)**

**Contents continued.**

**Page**

**17 Question 17(b)**

**18 Question 17(b) (Spare copy)**

**19 Question 18**

**20 Question 18 (Spare copy)**

**21 Question 20**

**22 Question 20 (Spare copy)**

**23 Question 24**

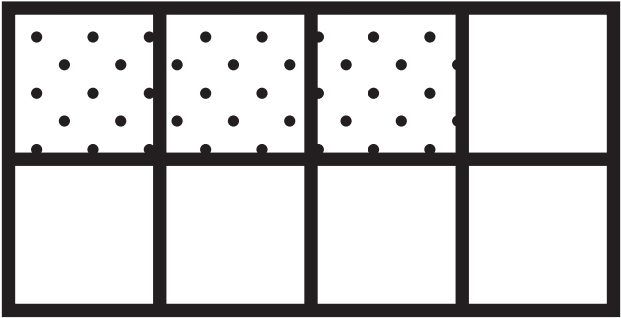
**24 Question 25**

**25 Question 27**

**26 Question 29**

**27 Question 30**

# Question 6



Question 9(a)

dog

cat

dog

cat

rabbit

cat

dog

cat

rabbit

rabbit

dog

hamster

dog

hamster

cat

dog

dog

dog

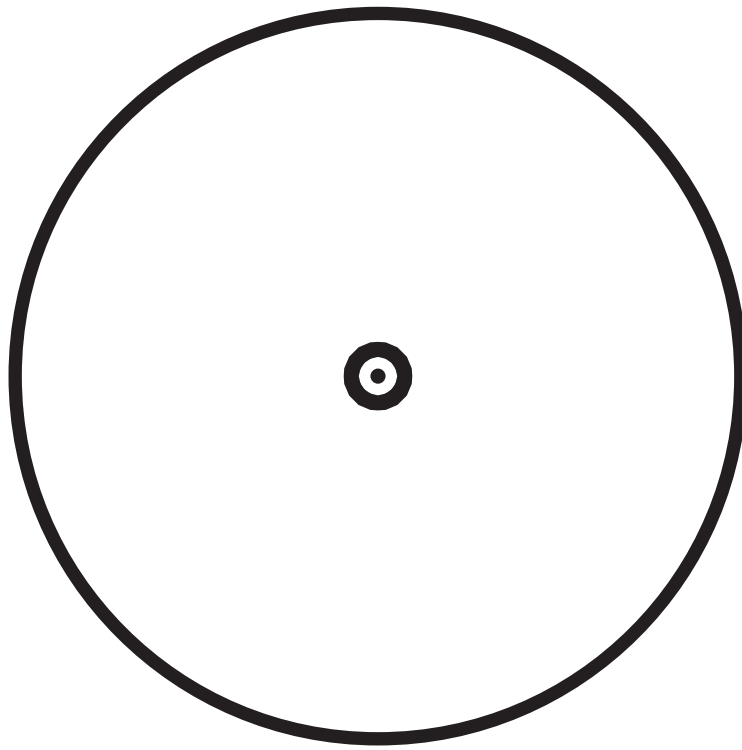
### Question 9(b)

[illegible]

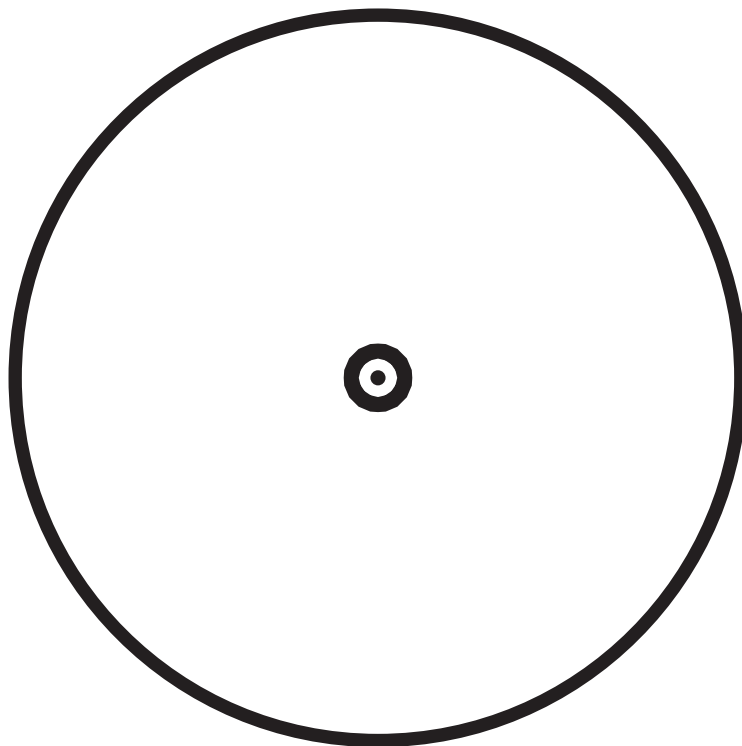
### Question 9(b)

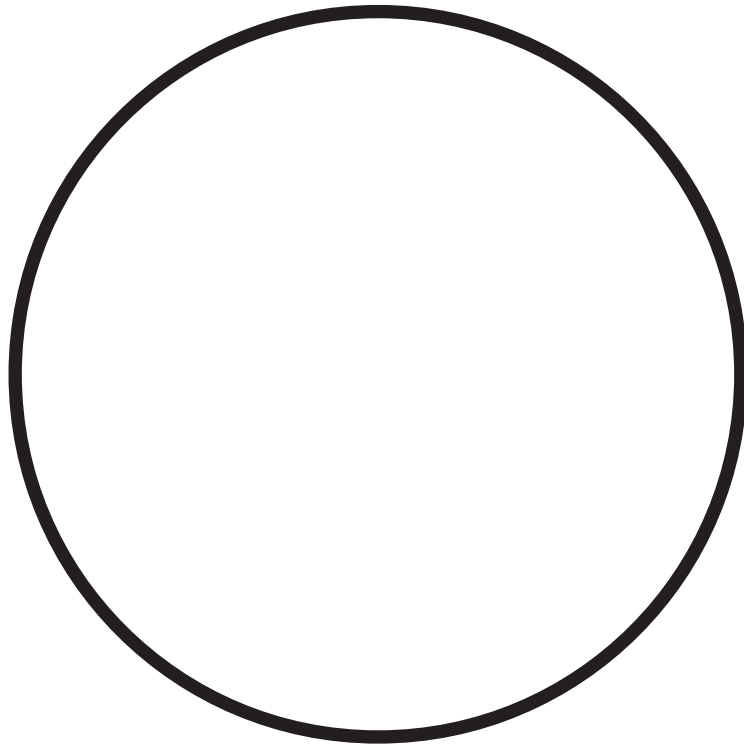
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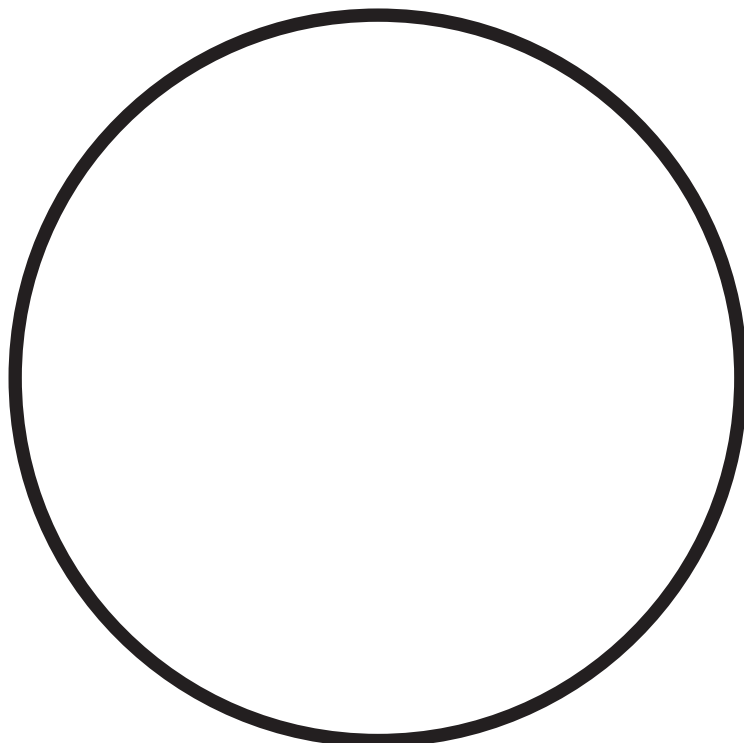


**Question 10(a) (Spare copy)**





**Question 10(b) (Spare copy)**

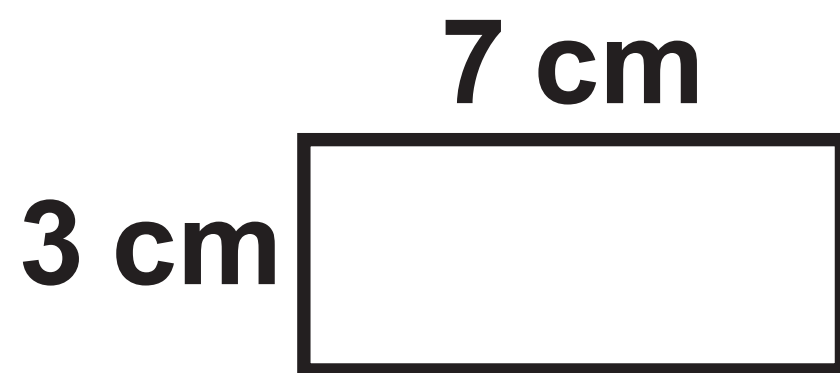


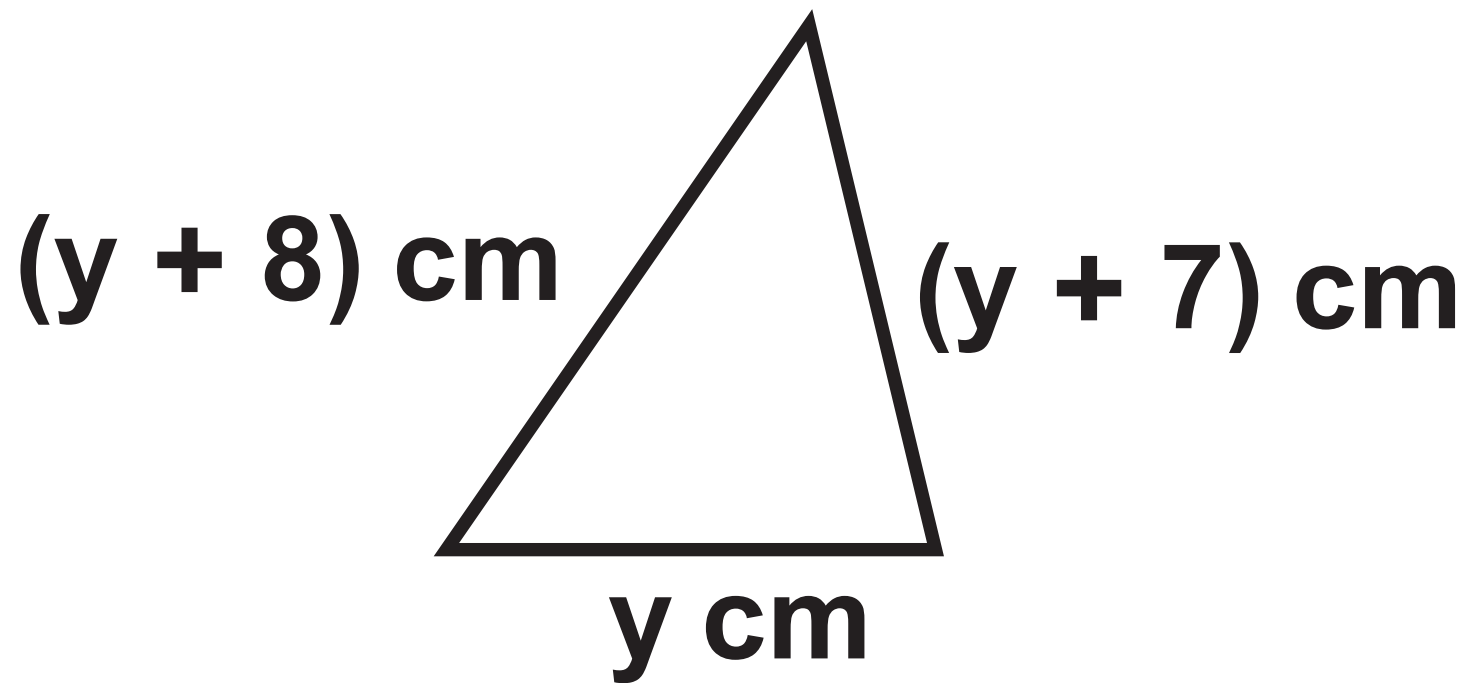
Question 12

Size of box	Weight of cornflakes
small	450 grams
large	750 grams

Key: 4|2 represents 42 years

3	1	4	5			
4	0	2	2	5	6	
5	0	1	7	7	8	9
6	3	4	5	9		
7	0	4				

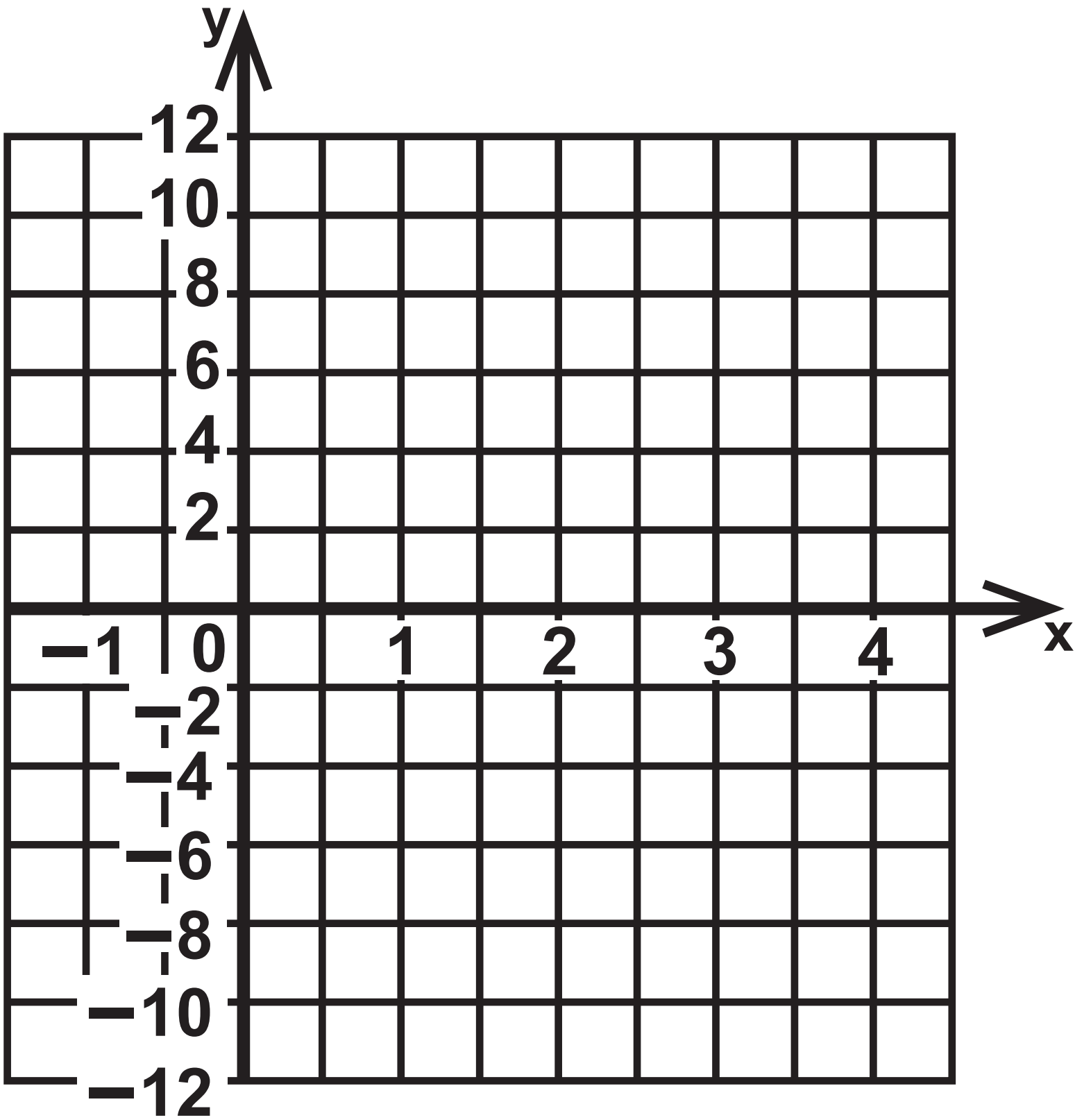


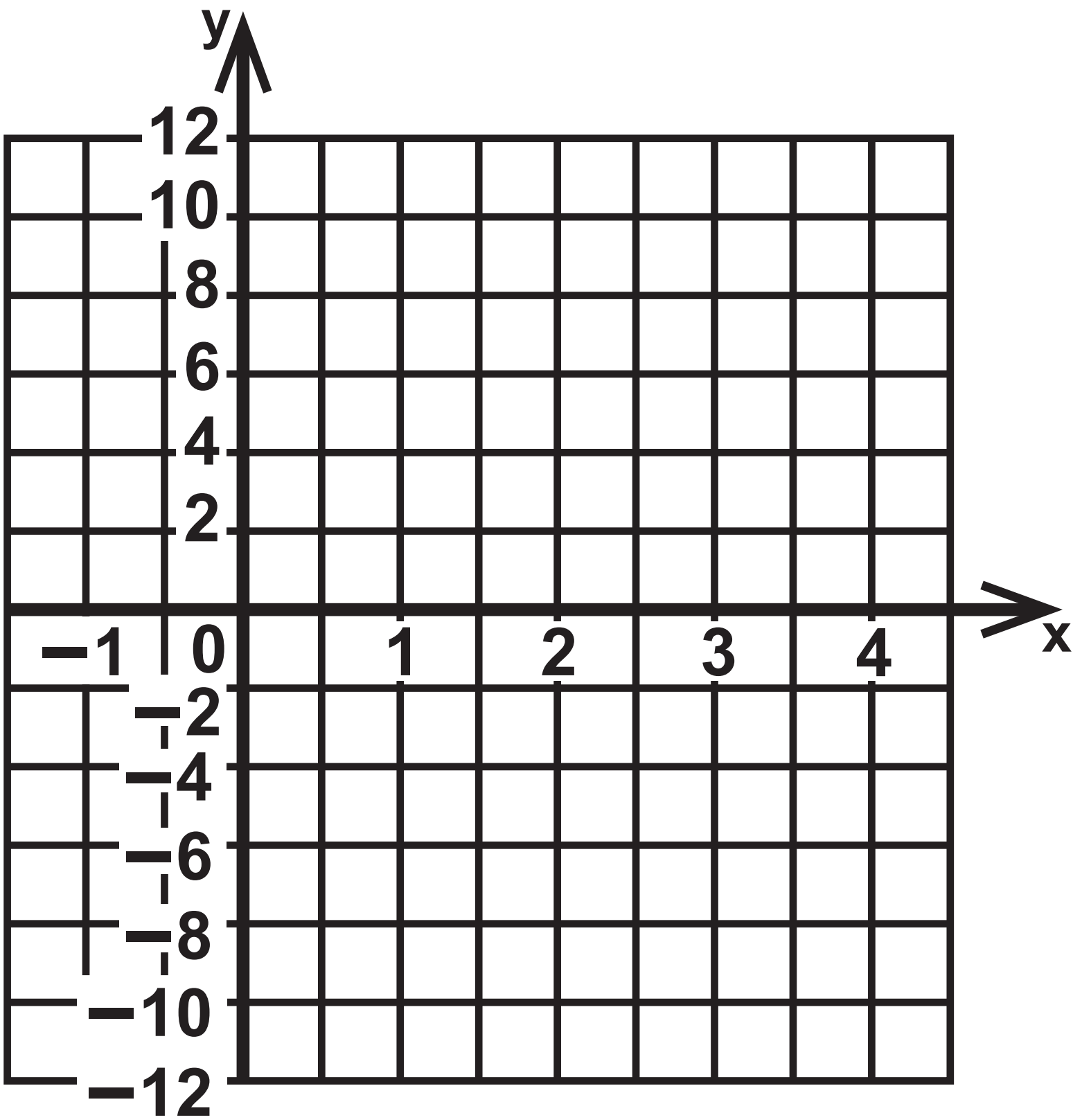


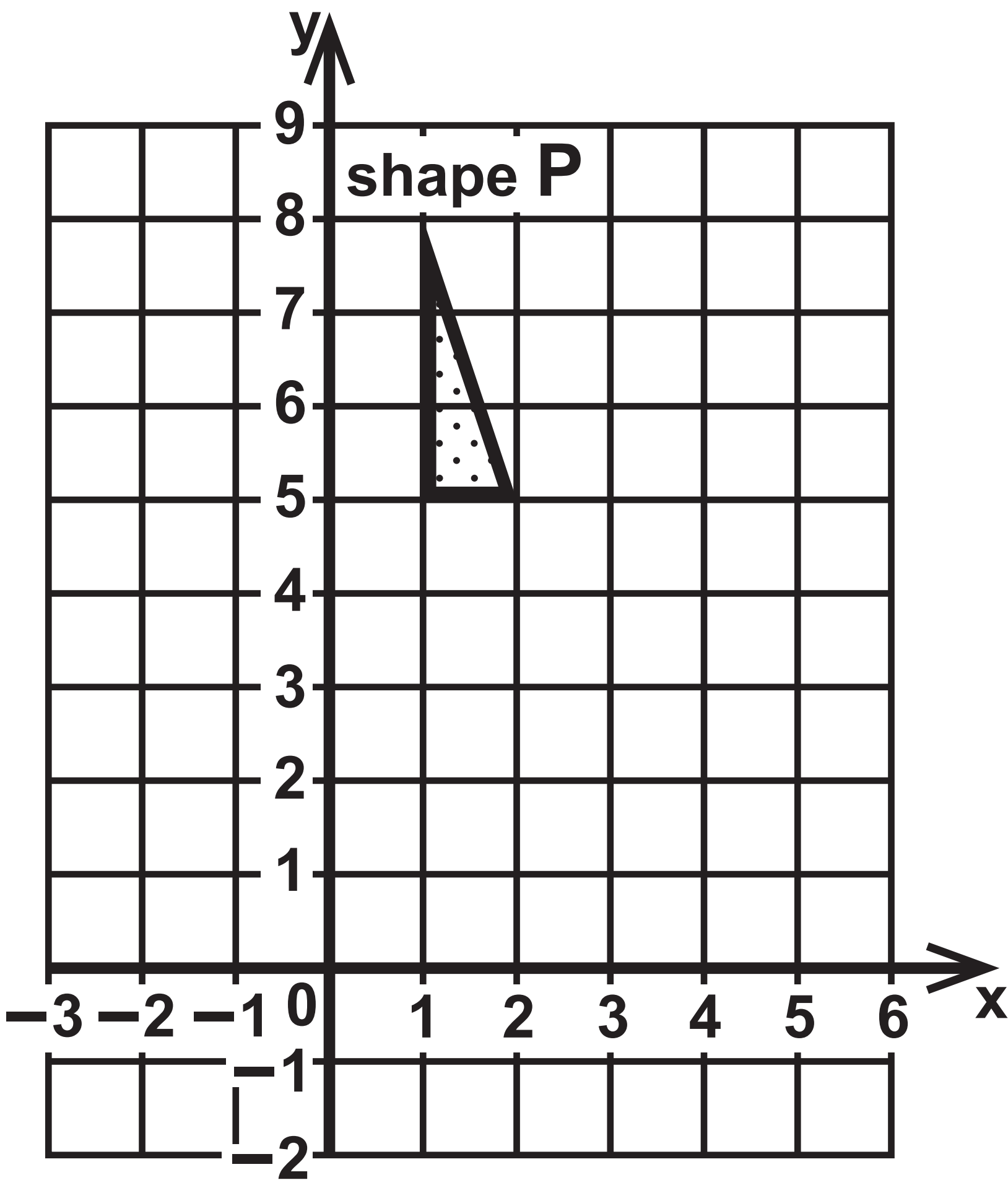
Colour	Probability
red	0.4
blue	
green	
yellow	0.25

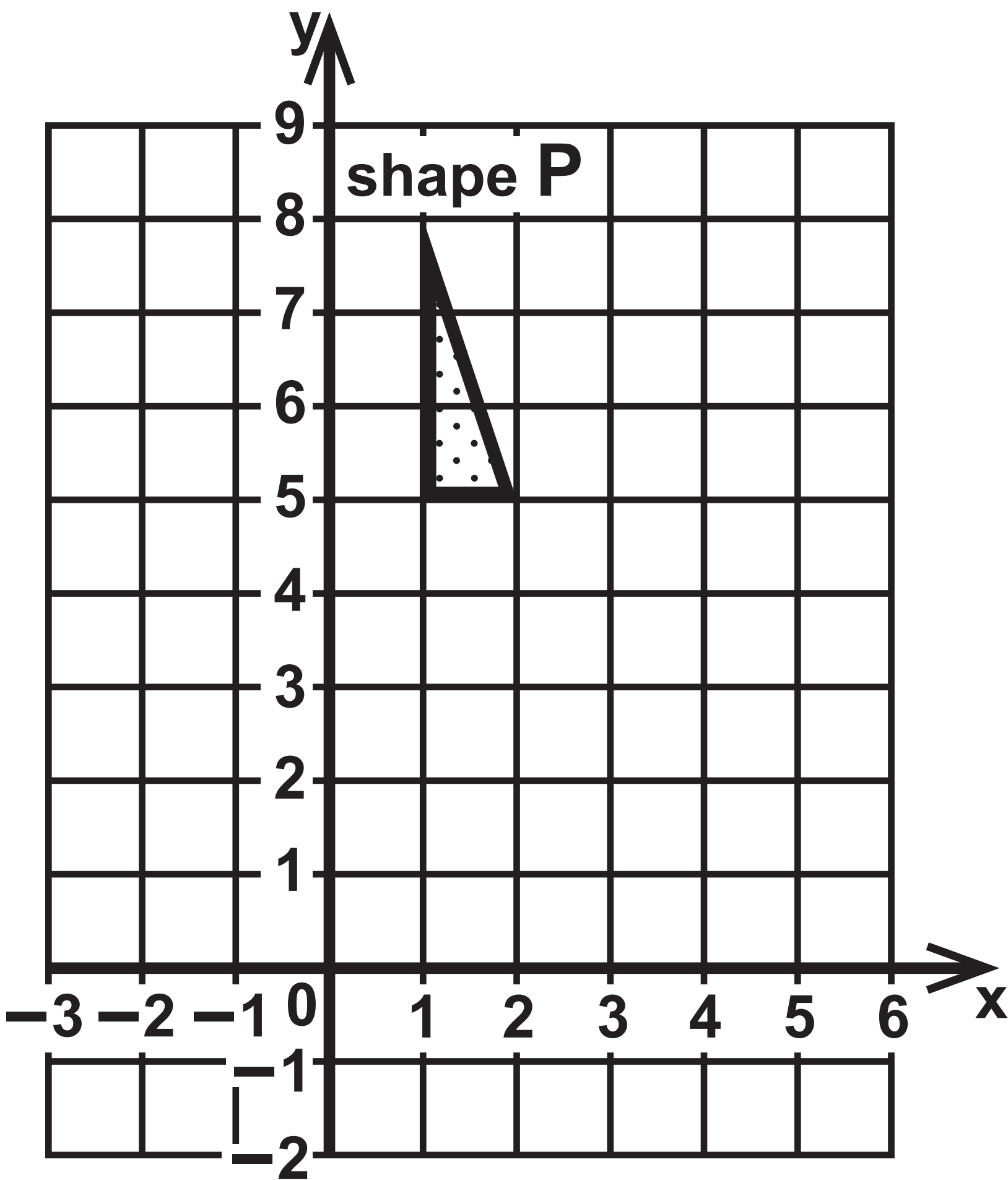
Colour	Probability
red	0.4
blue	
green	
yellow	0.25

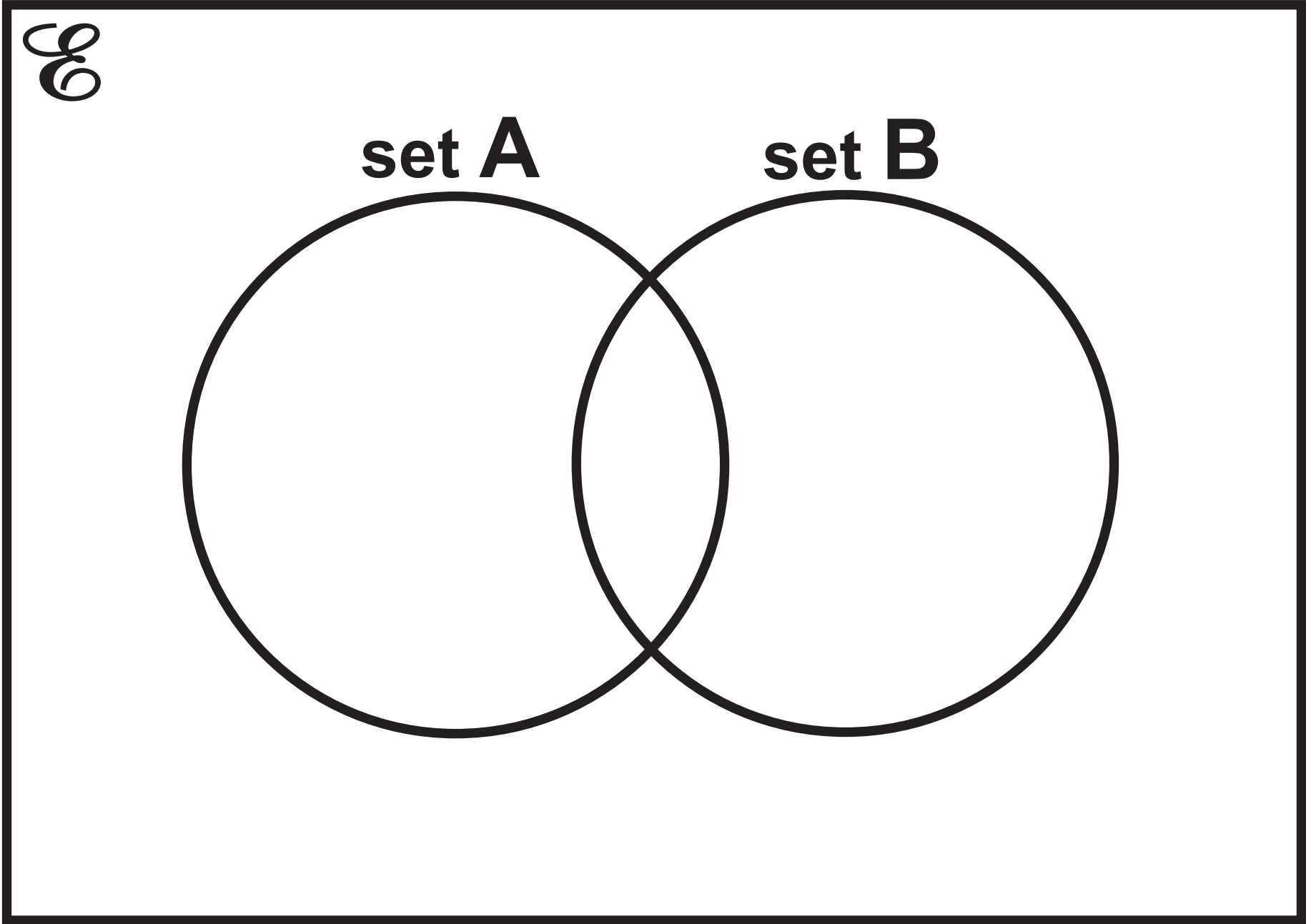


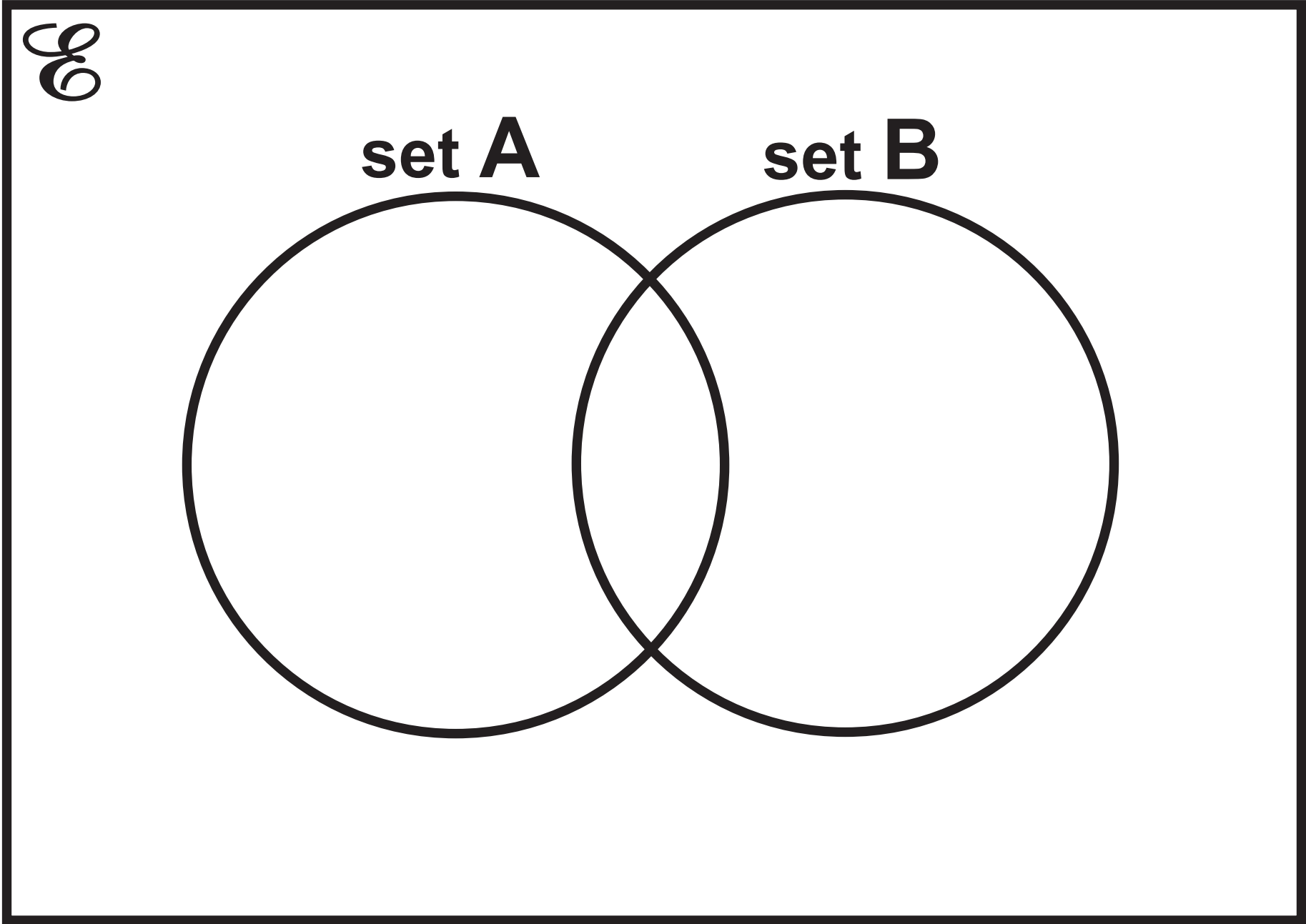


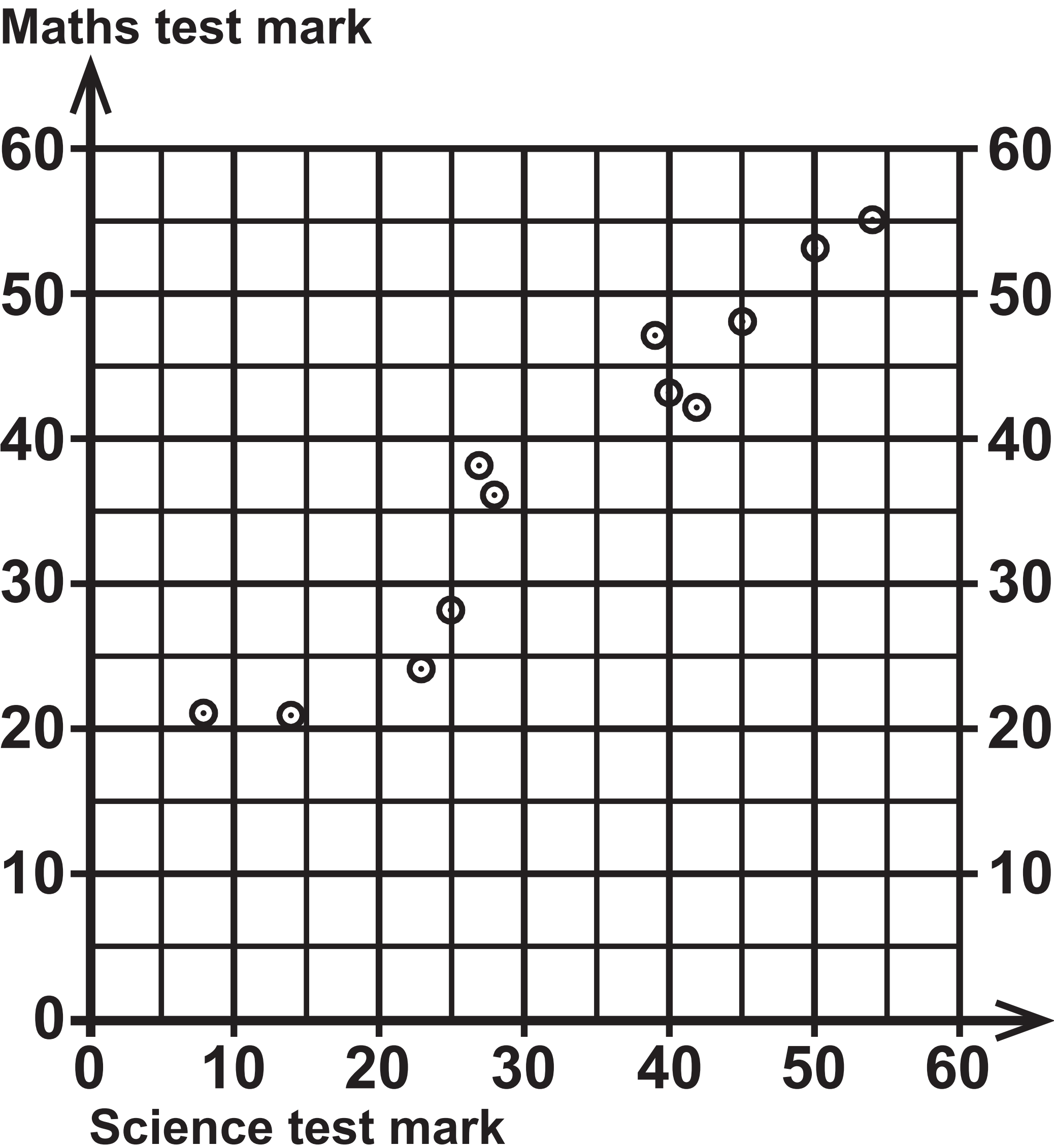










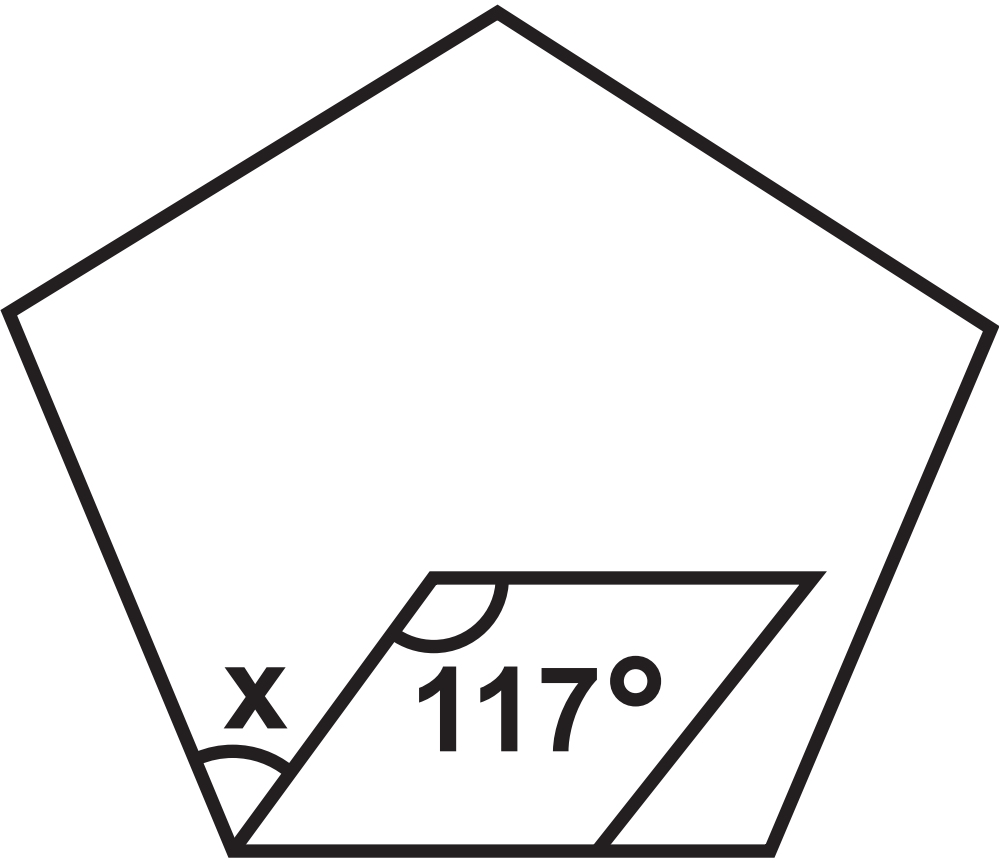


Question 25

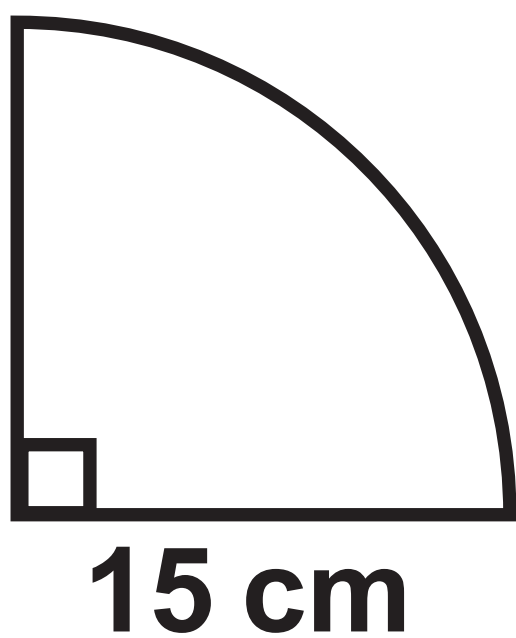
Time (t seconds)	Frequency
$5 < t \leq 10$	1
$10 < t \leq 15$	2
$15 < t \leq 20$	7
$20 < t \leq 25$	8



Time	13 30
Distance to destination	65 miles



shape A



shape B

