

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

**Mathematics**  
**PAPER 3 (Calculator)**  
**Higher 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.**

# **Contents**

## **Page**

<b>5</b>	<b>Question 4</b>
<b>6</b>	<b>Question 5</b>
<b>7</b>	<b>Question 6</b>
<b>8</b>	<b>Question 6 (Spare copy)</b>
<b>9</b>	<b>Question 13</b>
<b>10</b>	<b>Question 15</b>
<b>11</b>	<b>Question 16</b>
<b>12</b>	<b>Question 20</b>
<b>13</b>	<b>Question 23(a)</b>
<b>14</b>	<b>Question 23(a) (Spare copy)</b>
<b>15</b>	<b>Question 23(b)</b>
<b>16</b>	<b>Question 24</b>

**(continued on the next page)**

**Turn over**

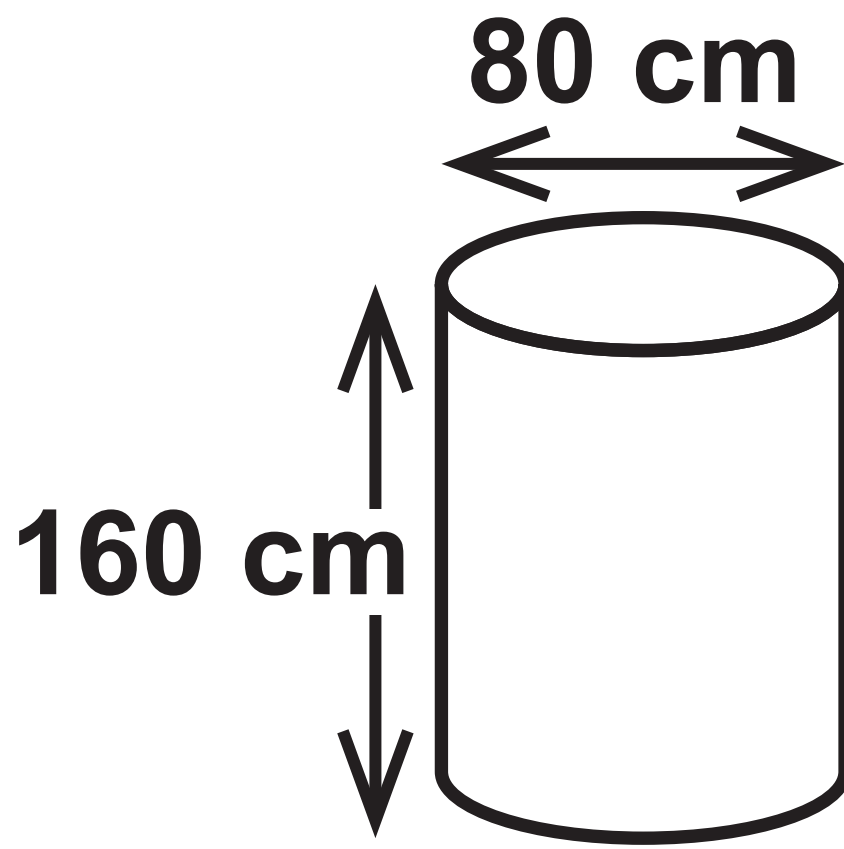
**Contents continued.**

**Page**

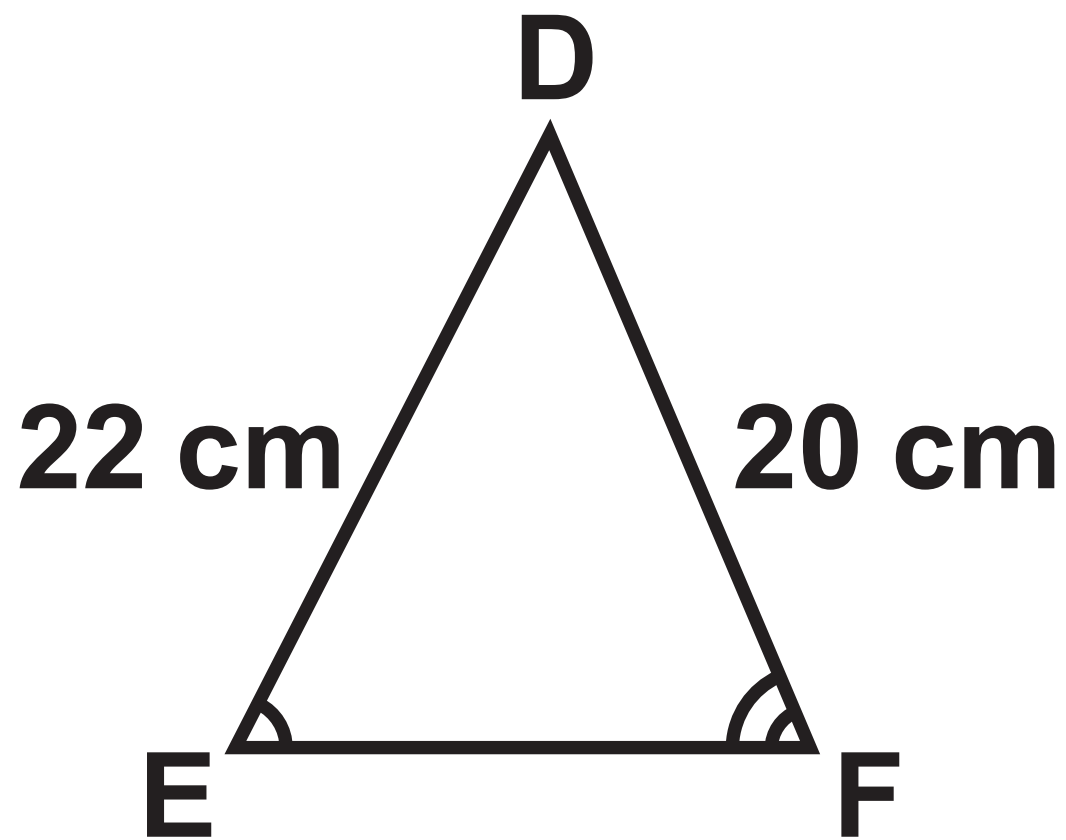
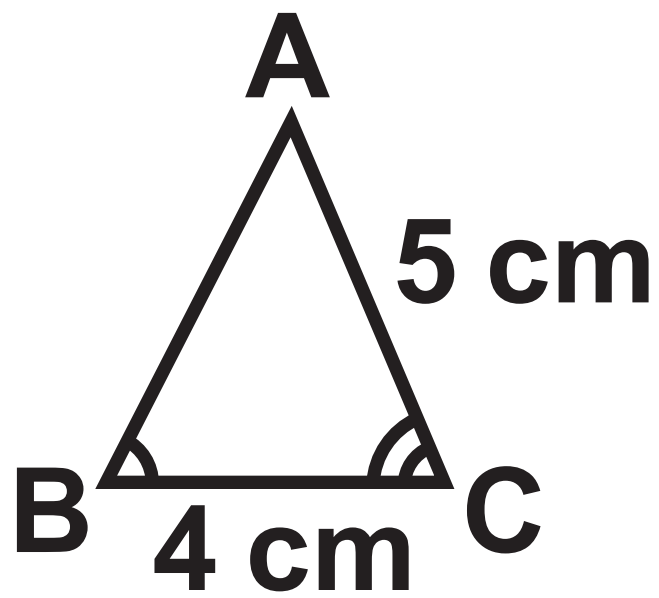
**17    Question 25**

**18    Question 26**

Question 4



# Question 5



Question 6

Sports quiz

Music quiz

win

0.3

\_\_\_\_\_

do not win

win

0.35

\_\_\_\_\_

do not win

win

0.35

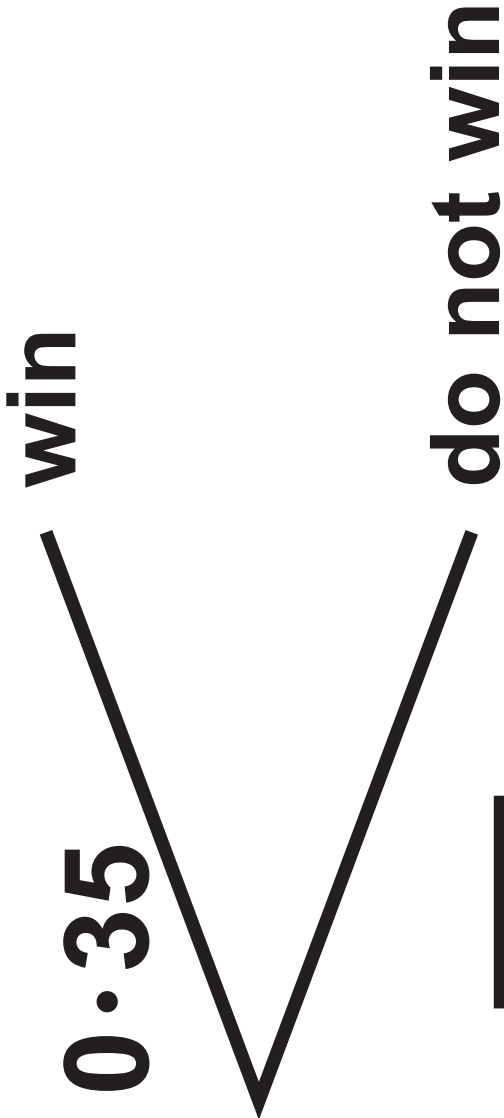
\_\_\_\_\_

do not win

Question 6

Sports quiz

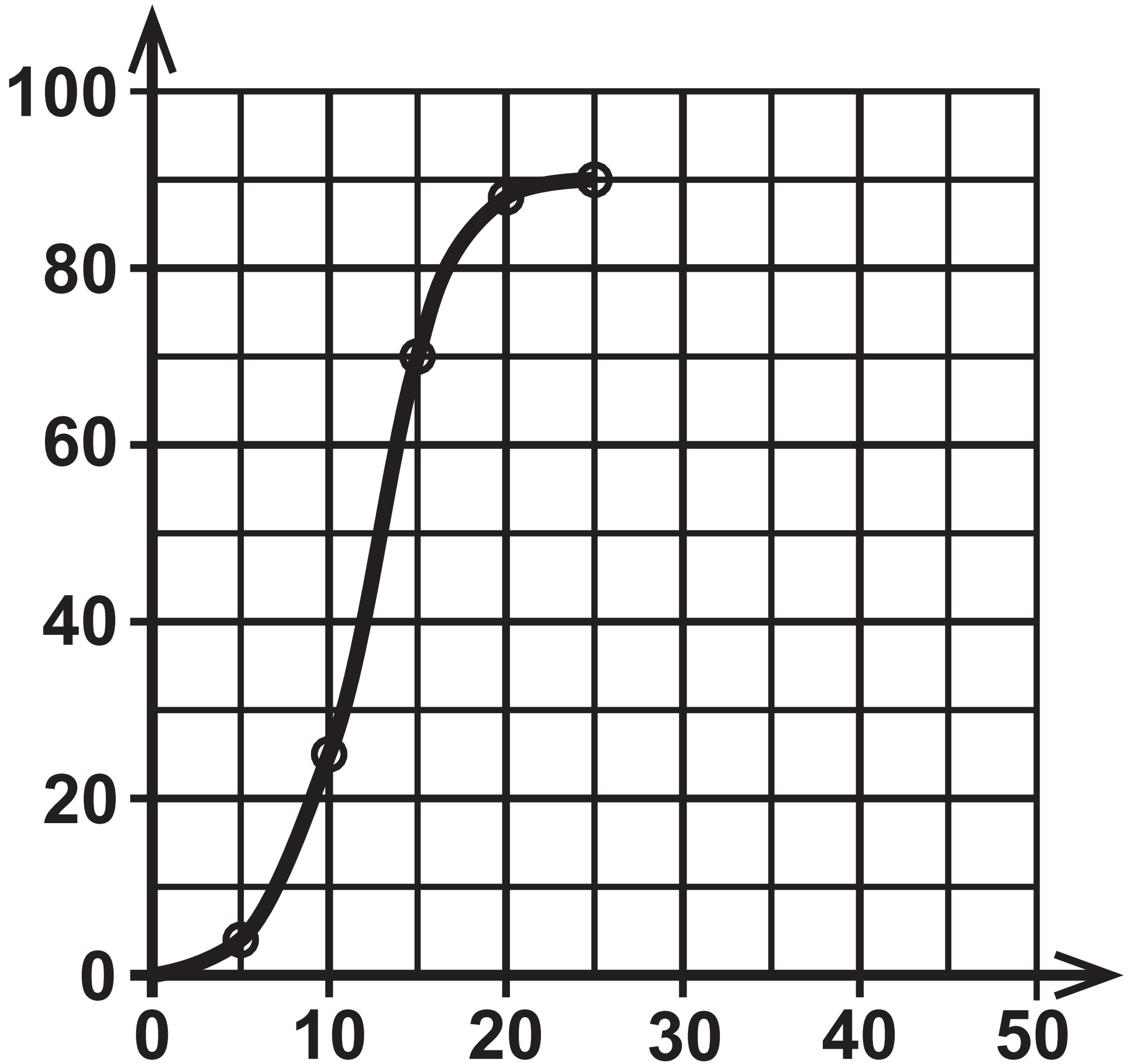
Music quiz





## Question 13

Cumulative  
frequency



## Question 15

**A pet shop has**

**7 guppy fish**

**13 tetra fish**

**5 angel fish.**

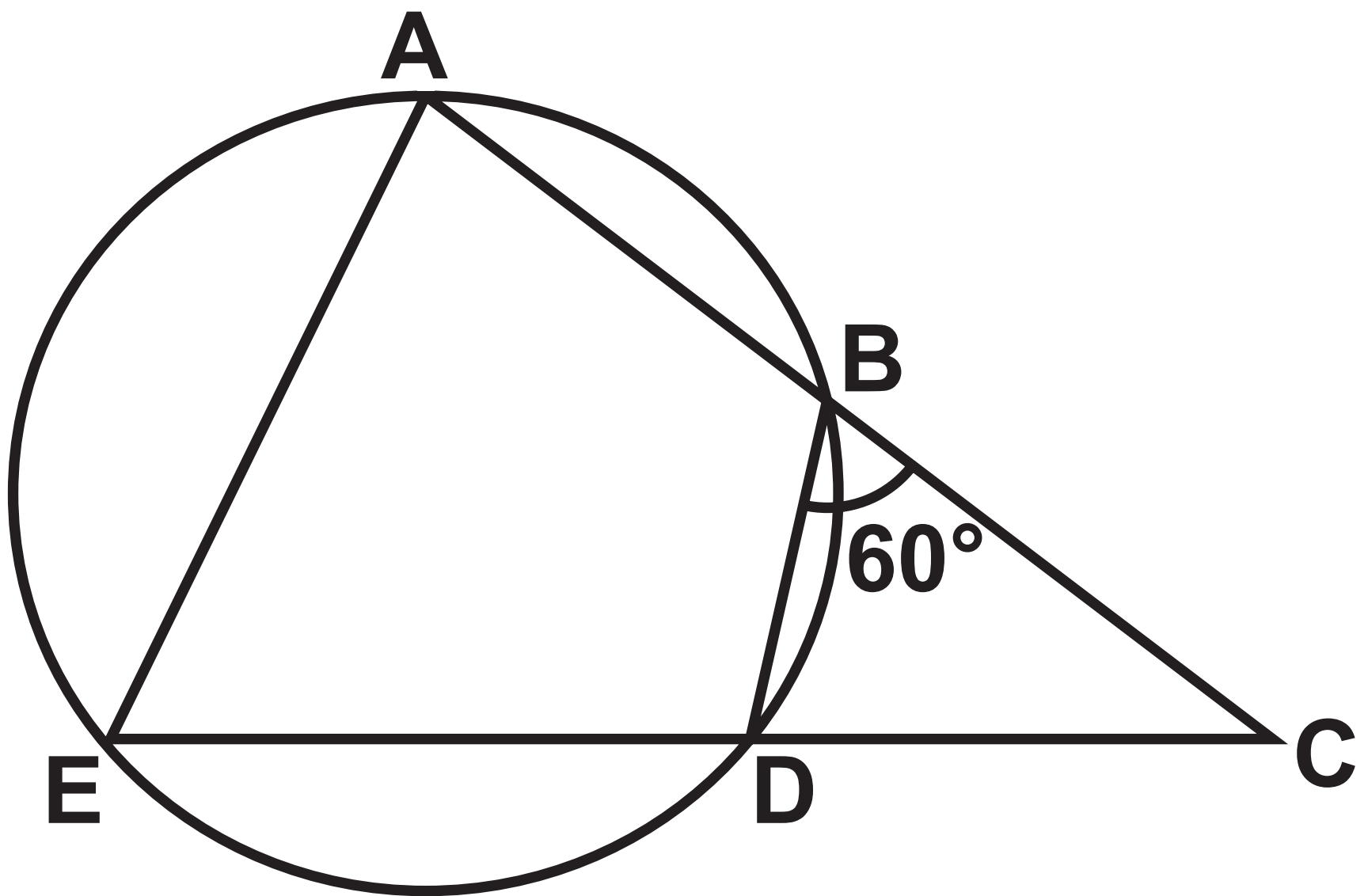
**David is going to choose one of the  
following combinations of fish**

**a guppy fish and an angel fish**

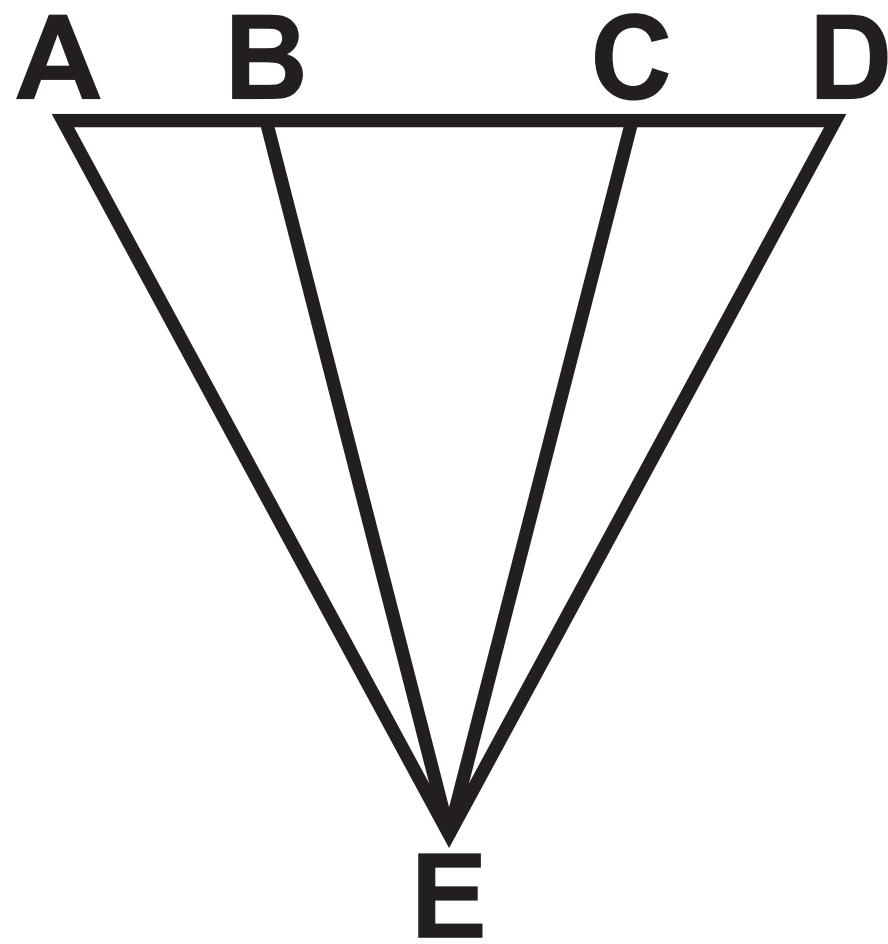
**OR a tetra fish and an angel fish**

**OR a guppy fish, a tetra fish and an  
angel fish.**

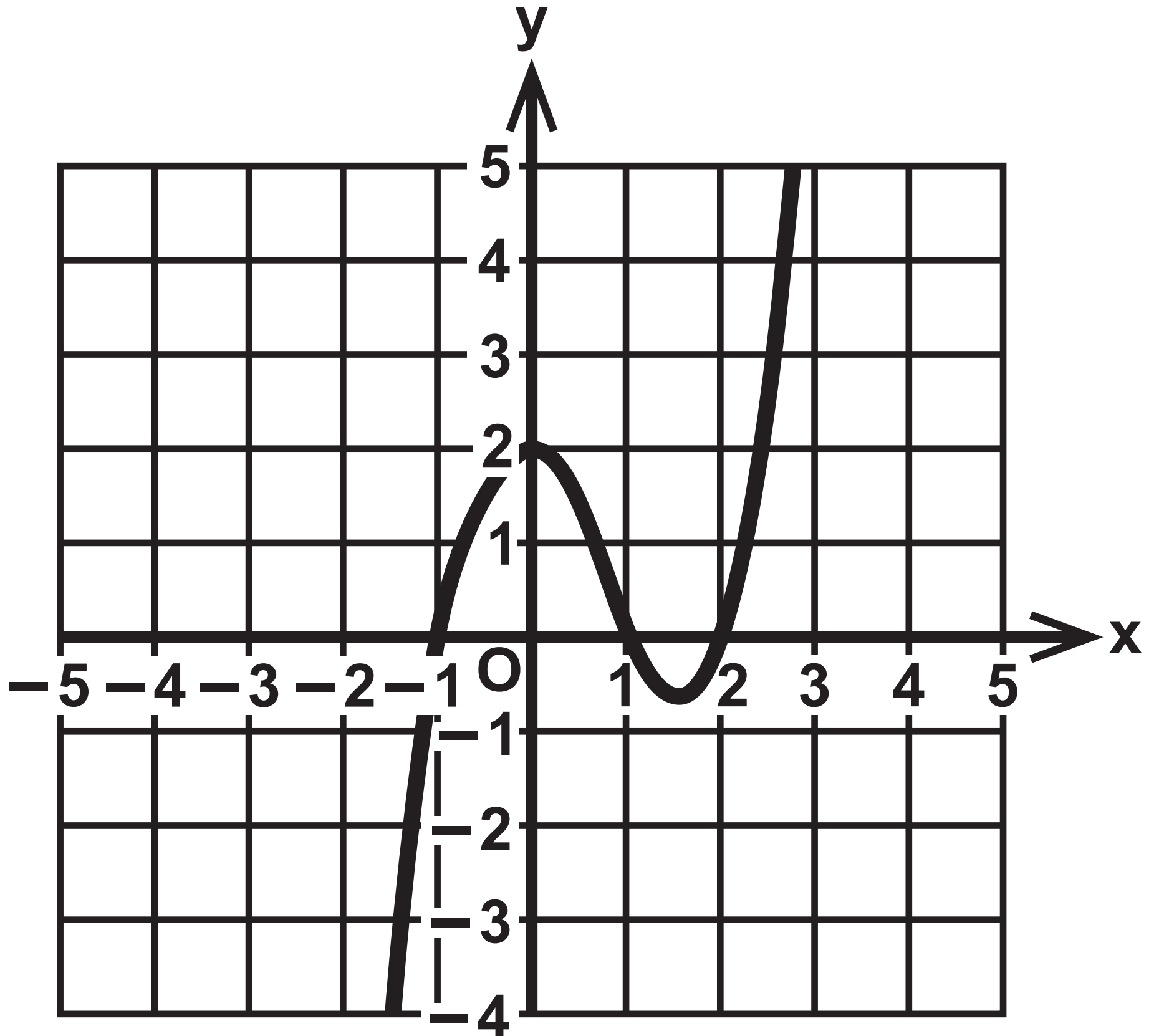
Question 16



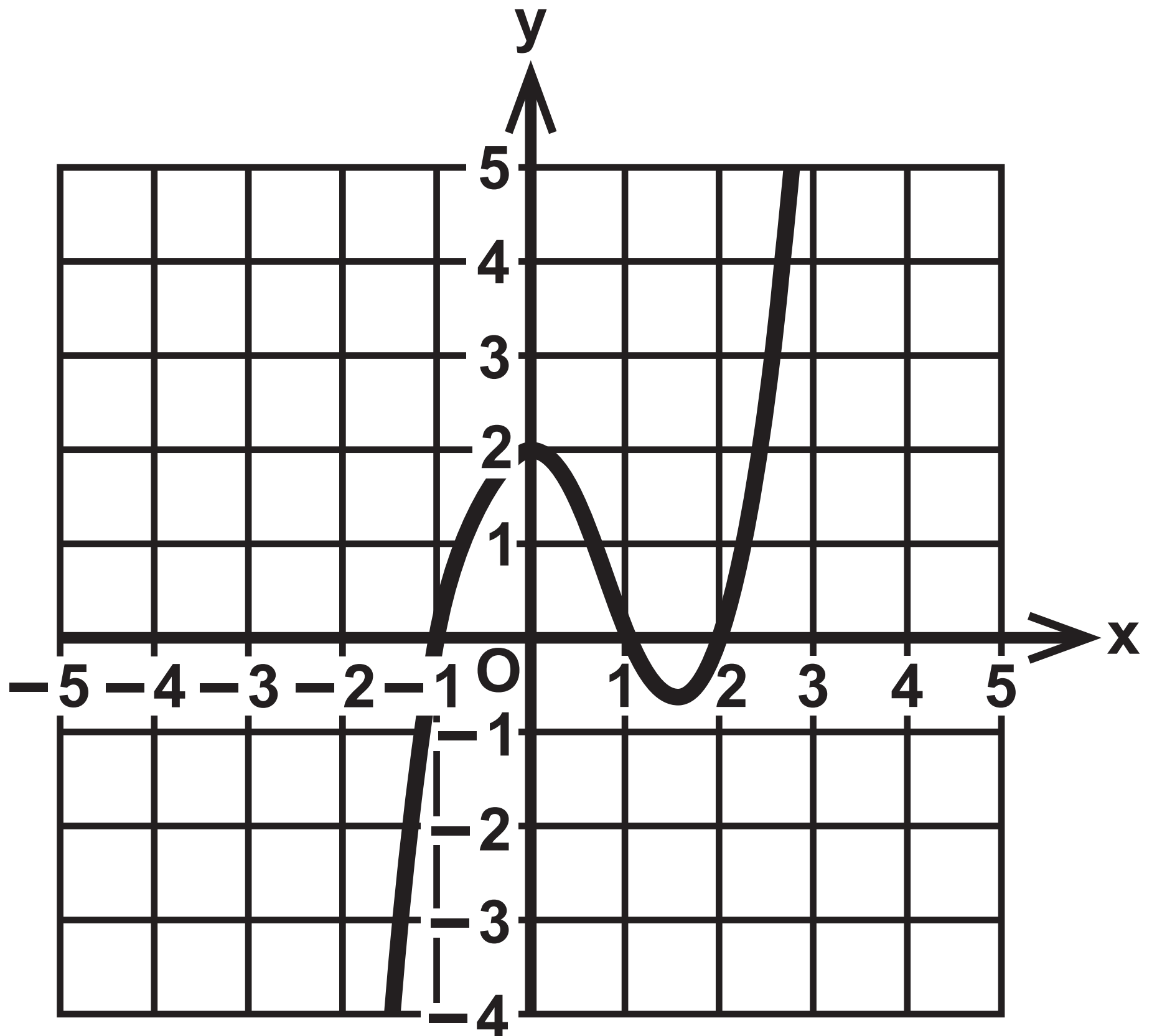
Question 20



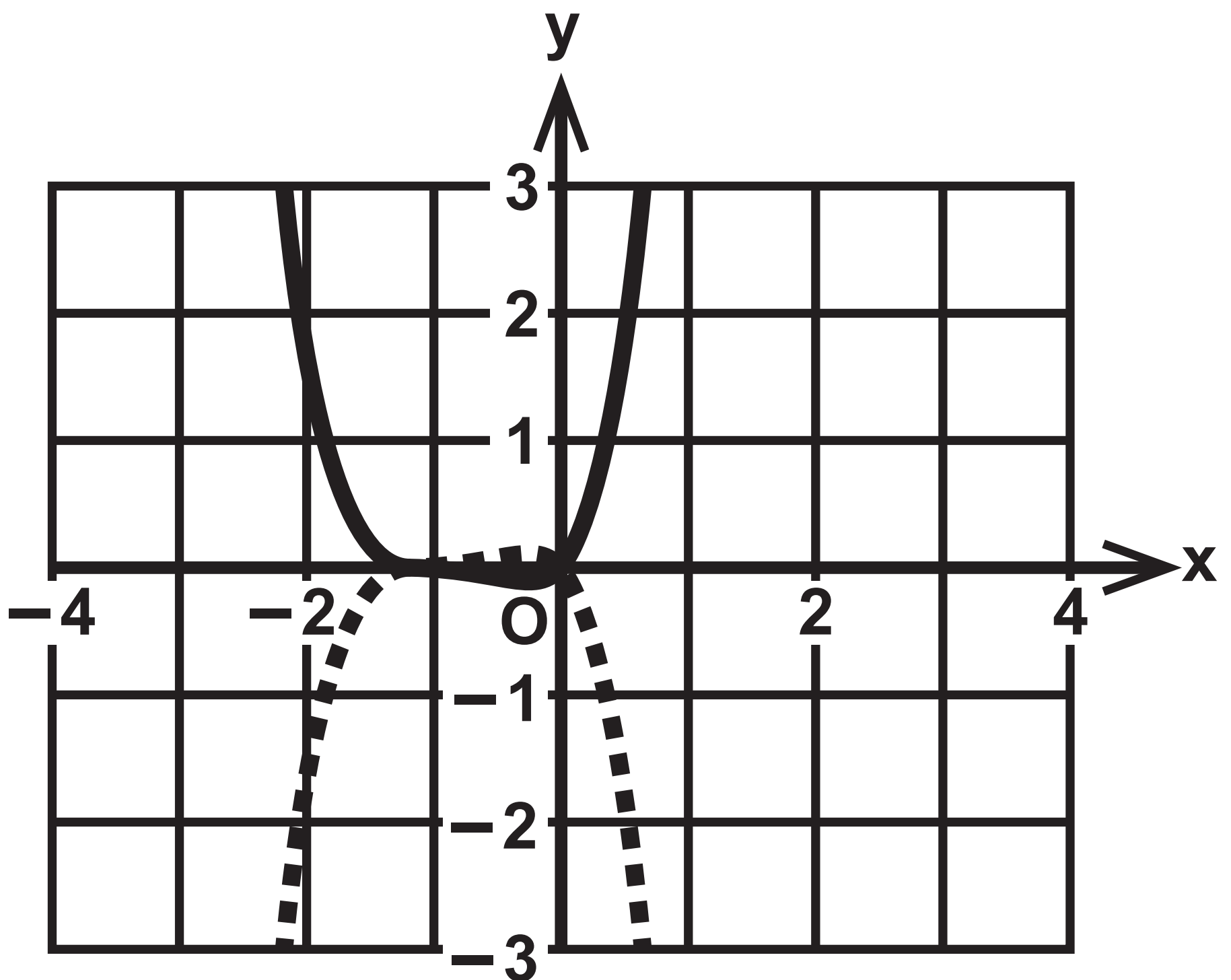
Question 23(a)



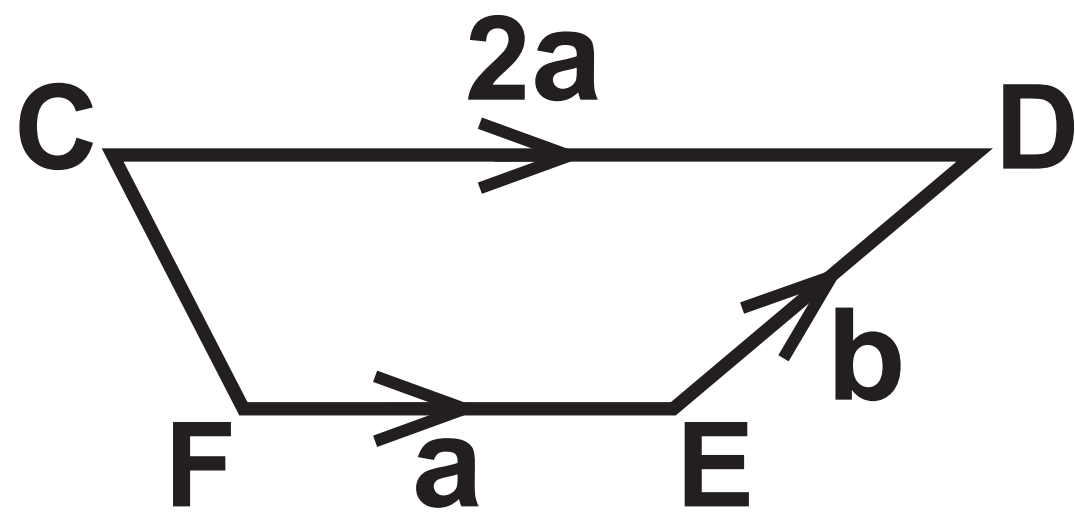
Question 23(a)



## Question 23(b)

**Key:****— graph A****--- graph B**

# Question 24





## Question 25

Diagram 1

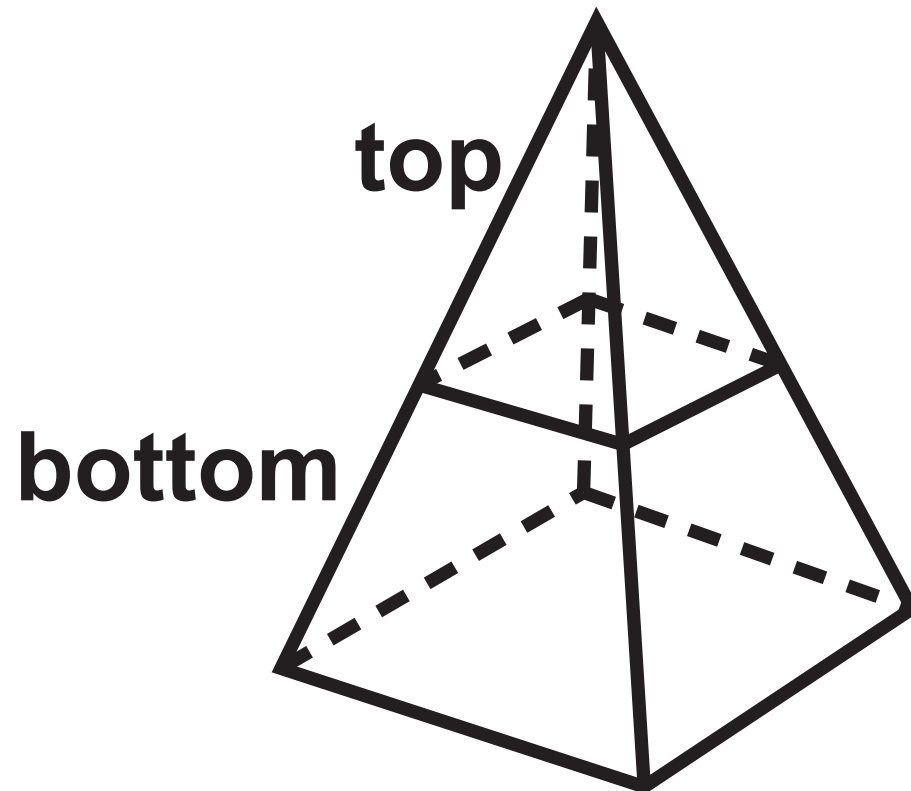
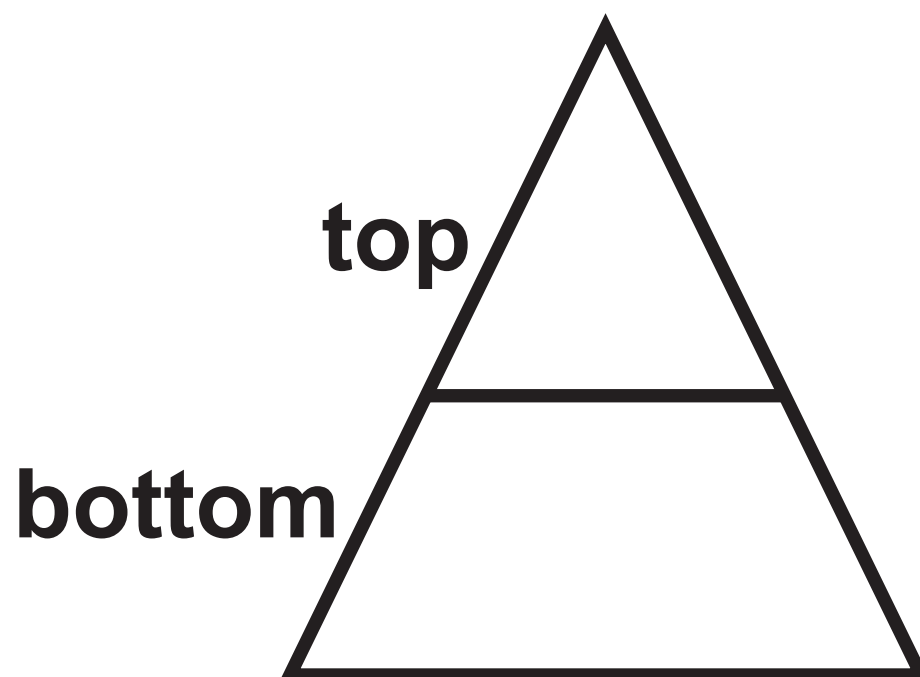


Diagram 2



Question 26

