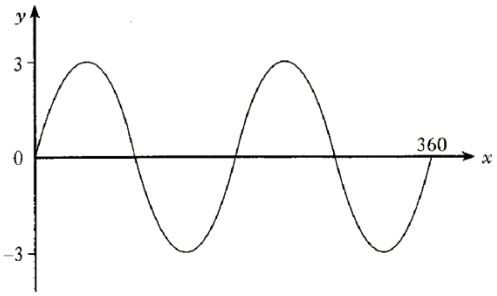
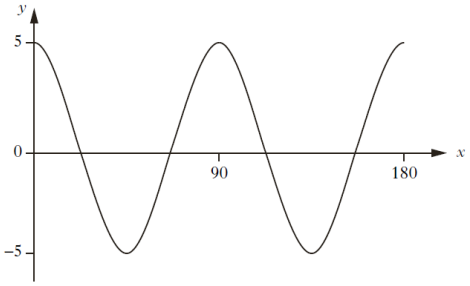
TRIGONOMETRIC GRAPHS PAST PAPER QUESTIONS

1. Part of the graph of $y = a \sin bx°$ is shown in the diagram.



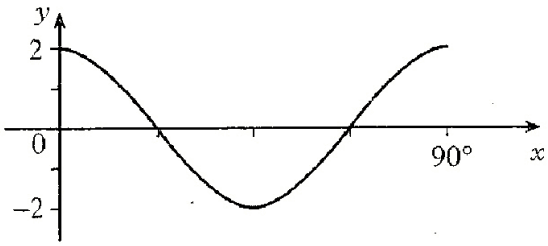
State the values of a and b. 2

2. Part of the graph of $y = a \cos bx°$ is shown in the diagram.



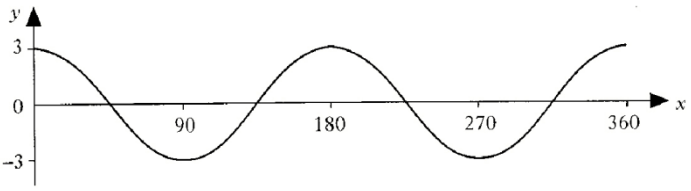
Find the values of a and b. 2

3. The graph of $y = a \cos bx°$, $0 \leq x \leq 90$, is shown below.



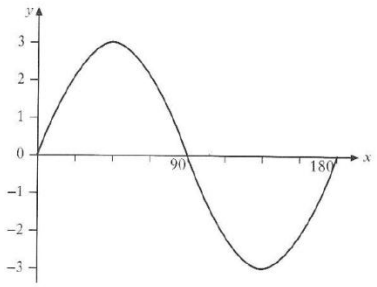
Write down the values of a and b. 2

4. The diagram shown the graph of $y = a \cos bx°$, $0 \leq x \leq 360$.



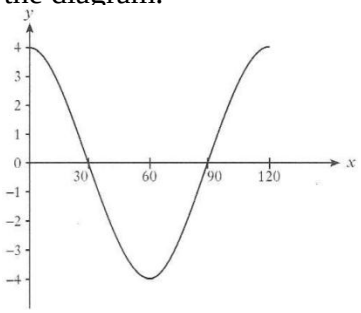
Find the values of a and b. 2

5. Part of the graph of $y = a \sin bx°$ is shown in the diagram.



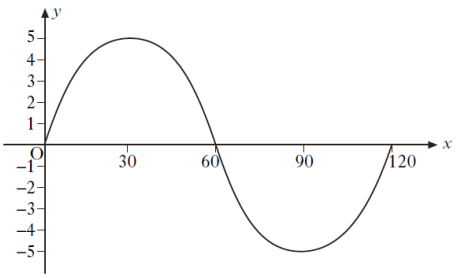
State the values of a and b. 2

6. Part of the graph of $y = b \cos ax°$ is shown in the diagram.



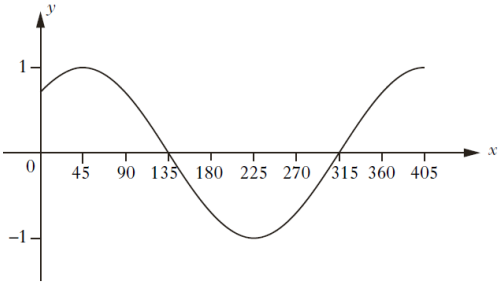
State the values of a and b. 2

7. Part of the graph of $y = a \sin bx°$ is shown in the diagram.



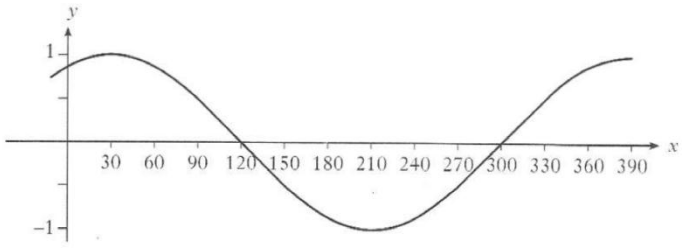
State the values of a and b. 2

8. The graph below has an equation of the form $y = \cos (x – a)°$



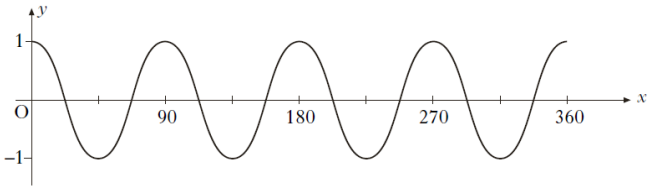
Write down the value of a. 1

9. The graph shown below has an equation of the form $y = \cos(x - a)°$



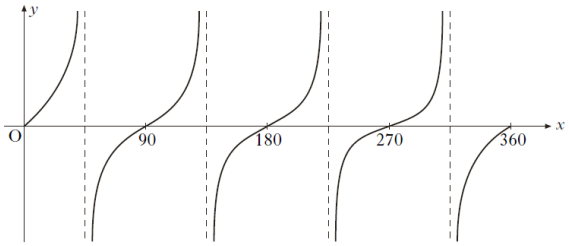
Write down the value of a. 1

10a. Part of the graph of $y = \cos ax°$ is shown below.



State the value of a. 1

10b. Part of the graph of $y = \tan bx°$ is shown below.



State the value of b. 1