

- (i) On the diagram in the Printed Answer Booklet draw the graph of y = f(x+3). [2]
- (ii) Describe fully the transformation which transforms the graph of y = f(x) to the graph of y = -f(x). [1]
- **(b)** The point (2, 3) lies on the graph of y = g(x).

State the coordinates of its image when y = g(x) is transformed to

- (i) y = 4g(x) [1]
- (ii) y = g(4x). [1]