



The diagram shows part of the curve with equation  $y = p \sin(q\theta) + r$ , where  $p$ ,  $q$  and  $r$  are constants.

- (a) State the value of  $p$ . [1]

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- (b) State the value of  $q$ . [1]

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- (c) State the value of  $r$ . [1]

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