24	$-q\left(x^2-\frac{12}{q}x\right)+q$ or $-q\left(x^2-\frac{12}{q}x-\frac{q}{q}\right)$ oe		4	M1 for a correct factorisation of the expression or $b = q$ (must be stated)
	$-q\left[\left(x-\frac{12}{2q}\right)^2 .....\right]$ oe or $-q\left[\left(x-\frac{6}{q}\right)^2 .....\right]$ oe			M1 for starting the correct process to complete the square
	E.g. $-q\left(x-\frac{6}{q}\right)^2+\frac{36}{q}+q$ oe or $-q\left(x-\frac{12}{2q}\right)^2+\frac{144q}{4q^2}+q$ oe			M1 for a complete process of completing the square. (Does not need to be simplified)
		$a=\frac{36}{q}+q$ $b=q$ $c=\frac{6}{q}$		A1 oe a and c must come from a correct process of completing the square. (Does not need to be simplified)
				Total 4 marks

24 **ALT**	$a - bx^2 + 2bcx - bc^2$ oe or $- bx^2 + 2bcx - bc^2 + a$ oe or $b = q$		4	M1 for correctly multiplying out $a - b(x - c)^2$
	$2bc = 12$ or $a - bc^2 = q$ oe			M1 for correctly equating coefficients
	$c = \frac{12}{2q}$ or $a = q\left(\frac{12}{2q}\right)^2 + q$ or $c = \frac{6}{q}$ or $a = q\left(\frac{6}{q}\right)^2 + q$			M1 for correctly finding a or c (Does not need to be simplified)
		$a = \frac{36}{q} + q$ $b = q$ $c = \frac{6}{q}$		A1 oe (Does not need to be simplified)
				Total 4 marks

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