Name:
5-a-day
Higher Plus

	$x^2 + y^2 = 36$ $\frac{1}{2}x = y + 3$
	Solve
Express r in terms of y	12y The cylinder and sphere have the same volume
	Write $x^2 - 6x + 17$ in the form $(x - a)^2 + b$
	Work out the weight of the larger model.
	The smaller model has a height of 15cm. The larger model has a height of 20cm. The smaller model weighs 108g.
Corbettmoths	7th April Two clay models of the Statue of Liberty are mathematically similar.

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5-a-day Higher Plus

7th April	
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Solve	
$x^2 + y^2 = 36$ 1/2x = y + 3	

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