

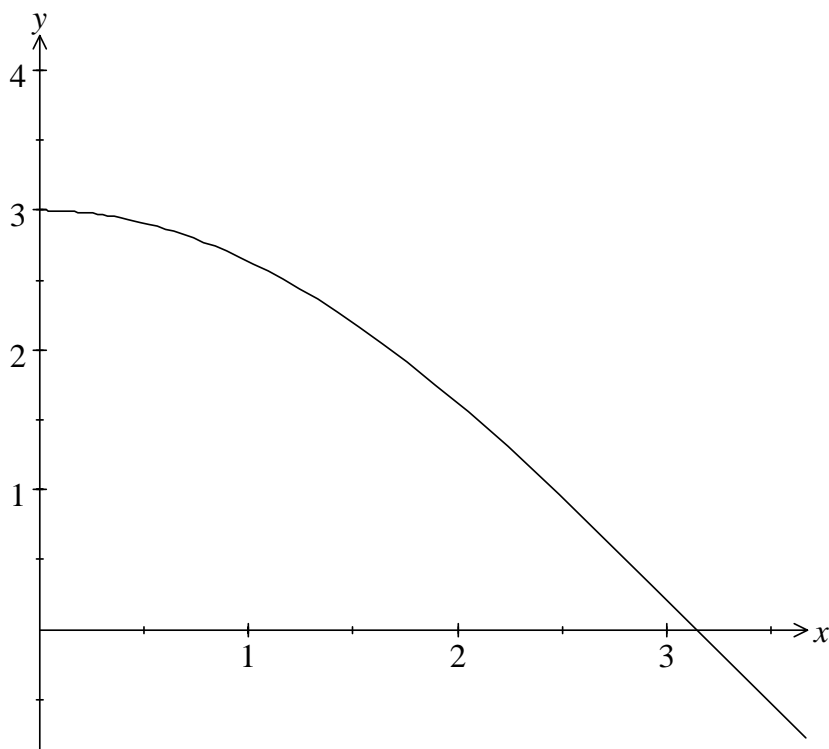
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(a)

$x$	0	0.5	1	1.5	2	2.5	3	3.5
$y$	3	<b>2.91</b>	2.63	2.20	<b>1.62</b>	0.95	0.21	<b>-0.53</b>

B2, 1 (3 correct, 2 correct)

(b)



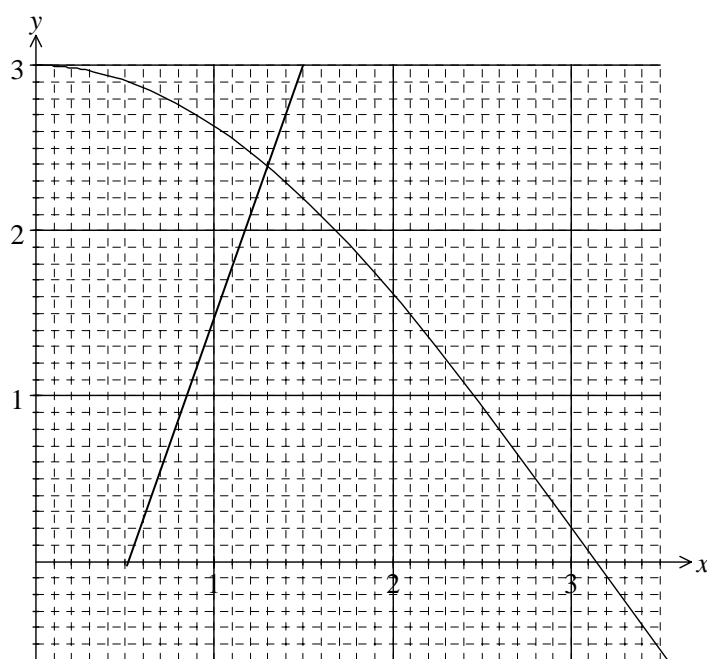
B1 plot points

B1 curve

(c)  $2x - 1 = 2 \cos (x/2)$   
 $3x - 1\frac{1}{2} = 3 \cos (x/2)$   
 $y = 3x - 1\frac{1}{2}$

M1 rearrange

A1



M1 draw their line

A1 1.2, 1.3 or 1.4

 $x = 1.3$ 

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