

## Unit 5: Curves

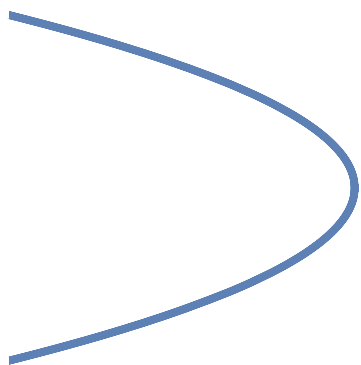
1 Match the curves with the equations



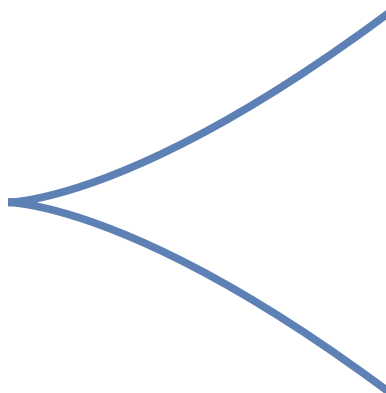
1



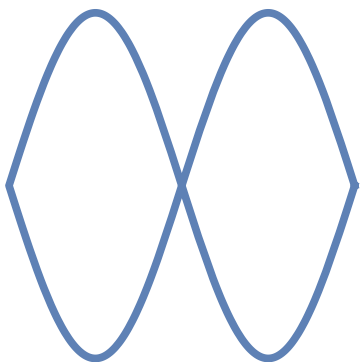
2



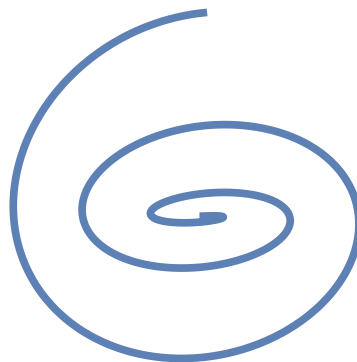
3



4



5



6

Enter number 1-6 of the figure	Parametric equation of the curve
	$\vec{r}(t) = [\cos^2(t), \sin(t)]$
	$\vec{r}(t) = [t^2, t^3]$
	$\vec{r}(t) = [4 \cos(t), \cos(\pi/2 - t)]$
	$\vec{r}(t) = [t \sin(t), t^2 \cos(t)]$
	$\vec{r}(t) = [\sin(t), t]$
	$\vec{r}(t) = [ t , \sin(t)]$