

1

$$\begin{cases} x = 3 \cos t \\ y = 2 \sin t \end{cases}$$

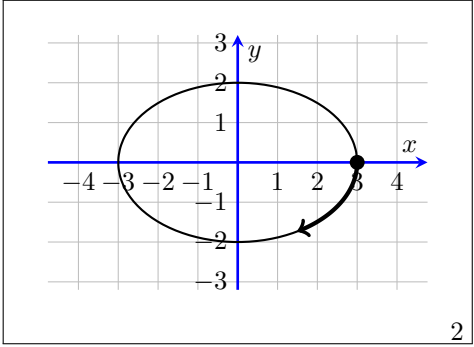
$$0 \leq t \leq 2\pi$$

D

$$\vec{r}(t) = \langle 3 \cos t, 2 \sin t \rangle$$

$$0 \leq t \leq 2\pi$$

j



2

$$\begin{cases} x = 3 \cos t \\ y = -2 \sin t \end{cases}$$

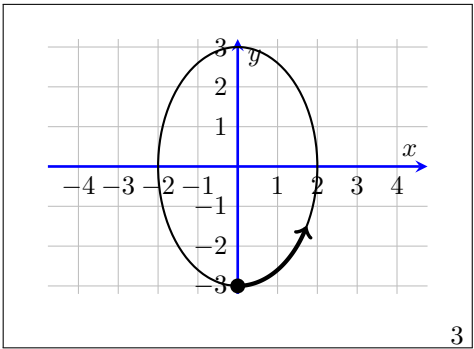
$$0 \leq t \leq 2\pi$$

E

$$\vec{r}(t) = \langle 3 \cos t, -2 \sin t \rangle$$

$$0 \leq t \leq 2\pi$$

n



3

$$\begin{cases} x = 2 \sin t \\ y = -3 \cos t \end{cases}$$

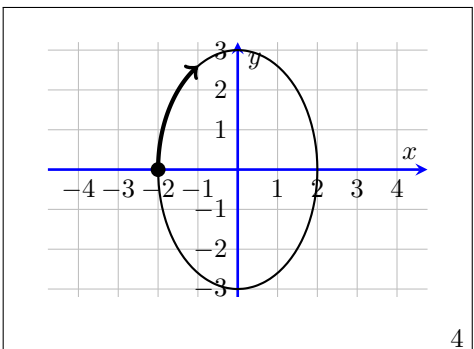
$$0 \leq t \leq 2\pi$$

K

$$\vec{r}(t) = \langle 2 \sin t, -3 \cos t \rangle$$

$$0 \leq t \leq 2\pi$$

e



4

$$\begin{cases} x = -2 \cos t \\ y = 3 \sin t \end{cases}$$

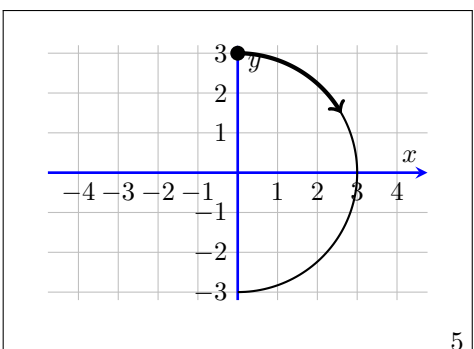
$$0 \leq t \leq 2\pi$$

P

$$\vec{r}(t) = \langle -2 \cos t, 3 \sin t \rangle$$

$$0 \leq t \leq 2\pi$$

b



5

$$\begin{cases} x = 3 \sin t \\ y = 3 \cos t \end{cases}$$

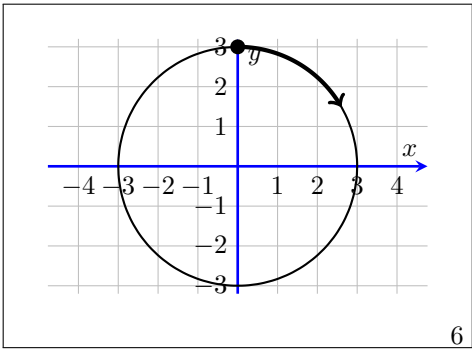
$$0 \leq t \leq \pi$$

O

$$\vec{r}(t) = \langle 3 \sin t, 3 \cos t \rangle$$

$$0 \leq t \leq \pi$$

c



6

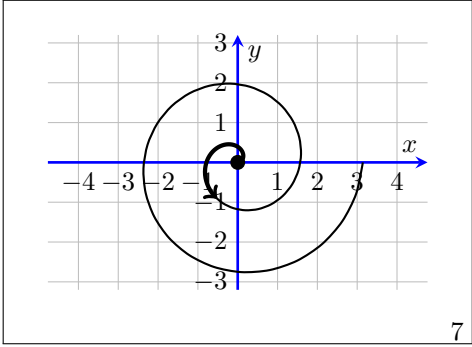
$$\begin{cases} x = 3 \sin 2t \\ y = 3 \cos 2t \\ 0 \leq t \leq \pi \end{cases}$$

M

$$\vec{r}(t) = \langle 3 \sin 2t, 3 \cos 2t \rangle$$

$$0 \leq t \leq \pi$$

h



7

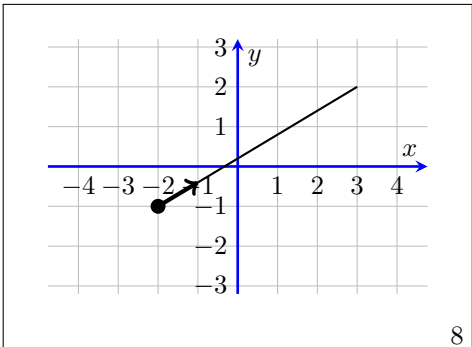
$$\begin{cases} x = \frac{t}{4} \cos t \\ y = \frac{t}{4} \sin t \\ 0 \leq t \leq 4\pi \end{cases}$$

N

$$\vec{r}(t) = \left\langle \frac{t}{4} \cos t, \frac{t}{4} \sin t \right\rangle$$

$$0 \leq t \leq 4\pi$$

k



8

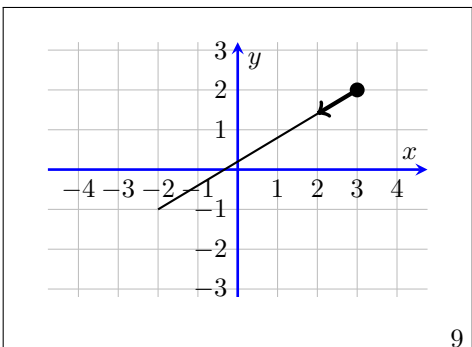
$$\begin{cases} x = -2 + 5t \\ y = -1 + 3t \\ 0 \leq t \leq 1 \end{cases}$$

G

$$\vec{r}(t) = \langle -2 + 5t, -1 + 3t \rangle$$

$$0 \leq t \leq 1$$

p



9

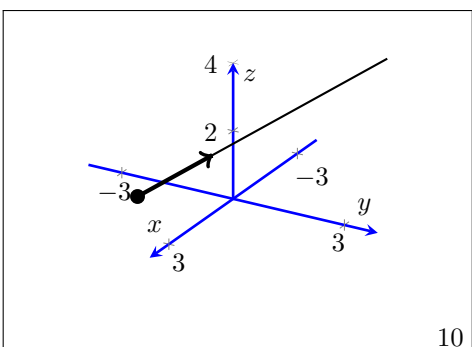
$$\begin{cases} x = 3 - 5t \\ y = 2 - 3t \\ 0 \leq t \leq 1 \end{cases}$$

C

$$\vec{r}(t) = \langle 3 - 5t, 2 - 3t \rangle$$

$$0 \leq t \leq 1$$

o



10

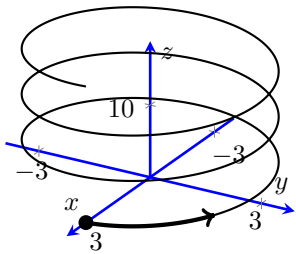
$$\begin{cases} x = 1 - 3t \\ y = -2 + 5t \\ z = 4t \\ 0 \leq t \leq 1 \end{cases}$$

A

$$\vec{r}(t) = \langle 1 - 3t, -2 + 5t, 4t \rangle$$

$$0 \leq t \leq 1$$

m



11

$$\begin{cases} x = 3 \cos t \\ y = 3 \sin t \\ z = t \end{cases}$$

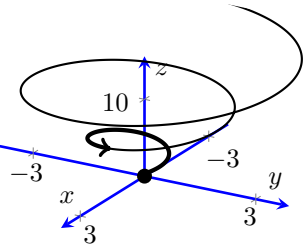
$$0 \leq t \leq 6\pi$$

J

$$\vec{r}(t) = \langle 3 \cos t, 3 \sin t, t \rangle$$

$$0 \leq t \leq 6\pi$$

d



12

$$\begin{cases} x = \frac{t}{4} \cos t \\ y = \frac{t}{4} \sin t \\ z = t \end{cases}$$

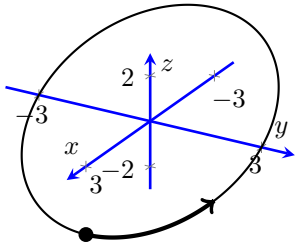
$$0 \leq t \leq 5\pi$$

H

$$\vec{r}(t) = \left\langle \frac{t}{4} \cos t, \frac{t}{4} \sin t, t \right\rangle$$

$$0 \leq t \leq 5\pi$$

f



13

$$\begin{cases} x = 3 \cos t \\ y = 3 \sin t \\ z = -3 \cos t \end{cases}$$

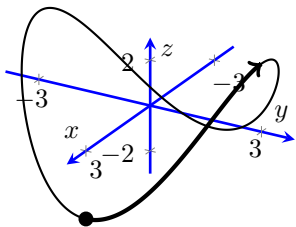
$$0 \leq t \leq 2\pi$$

L

$$\vec{r}(t) = \langle 3 \cos t, 3 \sin t, -3 \cos t \rangle$$

$$0 \leq t \leq 2\pi$$

a



14

$$\begin{cases} x = 3 \cos t \\ y = 3 \sin t \\ z = -3 \cos 2t \end{cases}$$

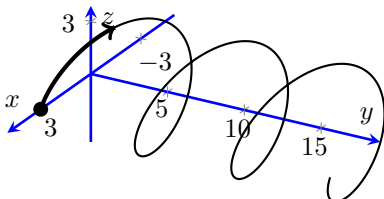
$$0 \leq t \leq 2\pi$$

B

$$\vec{r}(t) = \langle 3 \cos t, 3 \sin t, -3 \cos 2t \rangle$$

$$0 \leq t \leq 2\pi$$

g



15

$$\begin{cases} x = 3 \cos t \\ y = t \\ z = 3 \sin t \end{cases}$$

$$0 \leq t \leq 6\pi$$

F

$$\vec{r}(t) = \langle 3 \cos t, t, 3 \sin t \rangle$$

$$0 \leq t \leq 6\pi$$

i