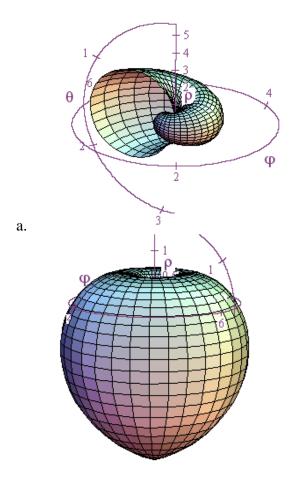
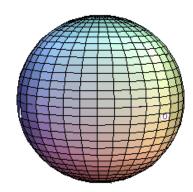
## SPHERICAL GRAPHS - ANSWERS

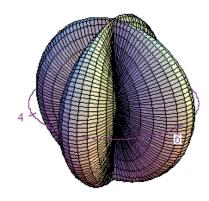
Identify by letter the graph that corresponds to each of the following functions.

1.	$\rho = \cos 2\varphi$ $0 \le \theta \le 2\pi$ $0 \le \varphi \le \pi$	<u>e</u>
2.	$\rho = \varphi$ $0 \le \theta \le 2\pi$ $0 \le \varphi \le \pi$	<u>c</u>
3.	$\rho = \cos 4\varphi \cdot \cos 4\theta$ $0 \le \theta \le 2\pi$ $0 \le \varphi \le \pi$	<u>f</u>
4.	$\rho = \sin \varphi \cdot 1.3^{\theta}$ $0 \le \theta \le 2\pi$ $0 \le \varphi \le \pi$	<u>a</u>
5.	$\rho = 3$ $0 \le \theta \le 2\pi$ $0 \le \varphi \le \pi$	<u>b</u>
6.	$\rho = \cos 2\theta$ $0 \le \theta \le 2\pi$ $0 \le \varphi \le \pi$	<u>d</u>



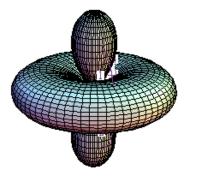


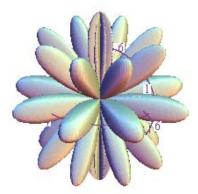
b.



c.







f.