SPHERICAL GRAPHS

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



1.
$$0 \le \theta \le 2\pi$$

$$0 \le \varphi \le \pi$$

$$\rho = \varphi$$

$$2. \quad 0 \le \theta \le 2\pi$$

$$0 \le \varphi \le \pi$$

$$\rho = \cos 4\varphi \cdot \cos 4\theta$$

3.
$$0 \le \theta \le 2\pi$$

$$0 \le \varphi \le \pi$$

$$\rho = \sin \varphi \cdot 1.3^{\theta}$$

4.
$$0 \le \theta \le 2\pi$$

$$0 \le \varphi \le \pi$$

$$\rho = 3$$

5. $0 \le \theta \le 2\pi$

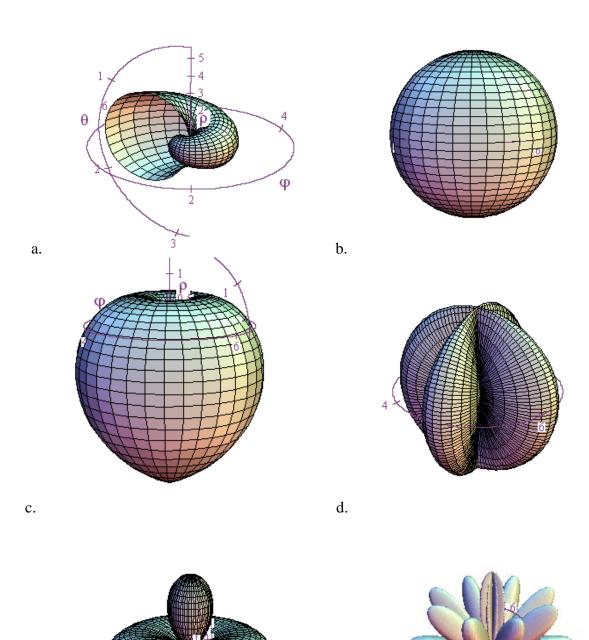
$$0 \le \varphi \le \pi$$

$$\rho = \cos 2\theta$$

6.
$$0 \le \theta \le 2\pi$$

$$0 \le \varphi \le \pi$$

SPHERICAL GRAPHS



e. f.