CYLNDRICAL GRAPHS - ANSWERS

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

 $r = \cos z$

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

<u>e</u>

 $-2\pi \le z \le 2\pi$

 $r = \cos z \cdot \cos 2\theta$

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

<u>f</u>

 $0 \le z \le 2\pi$

r = z

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

<u>c</u>

 $0 \le z \le 3$

 $r = \cos 3\theta$

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

<u>d</u>

 $0 \le z \le 3$

 $r = \theta$

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

<u>b</u>

 $-3 \le z \le 3$

r = 3

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

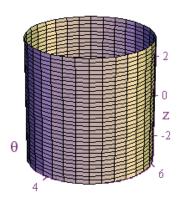
<u>a</u>

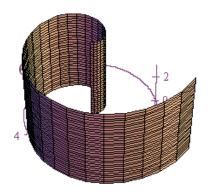
 $-3 \le z \le 3$

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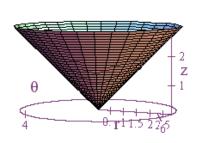
b.

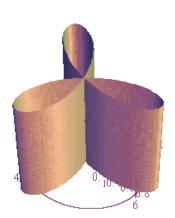
f.





a.





c.

