

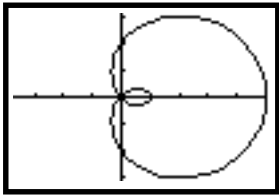
# Polar Graphing Worksheet

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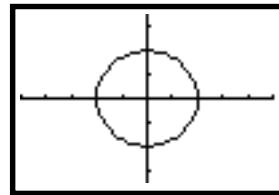
Name \_\_\_\_\_

Given the graphs below, write above the graph the polar equation that corresponds to each one.

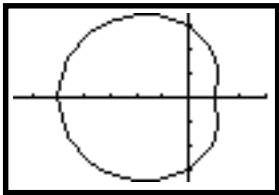
1)  $r = 2 + 3 \cos \theta$



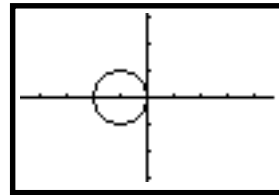
7)  $r = 2$



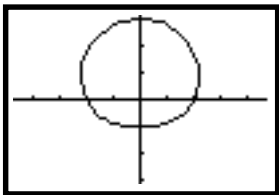
2)  $r = 3 - 2 \cos \theta$



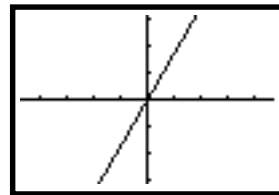
8)  $r = -2 \cos \theta$



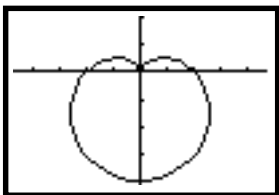
3)  $r = 2 + 1 \sin \theta$



9)  $\theta = \pi/3$



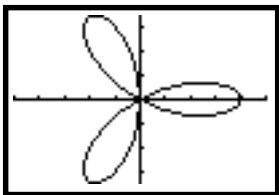
4)  $r = 2 - 2 \sin \theta$



10)  $r = 2/\sin \theta$



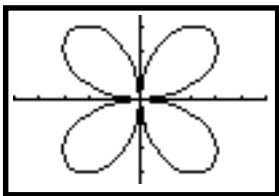
5)  $r = 4 \cos 3\theta$



11)  $r = -2/\cos \theta$



6)  $r = 4 \sin 2\theta$



12)  $r^2 = 16 \cos 2\theta$

