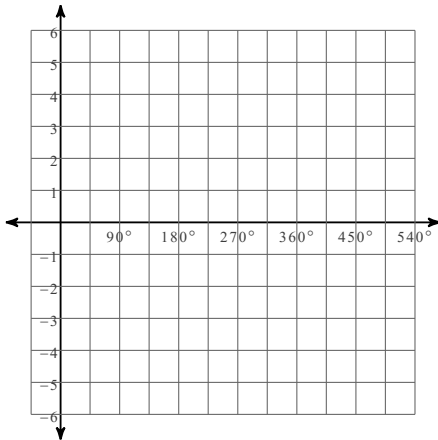


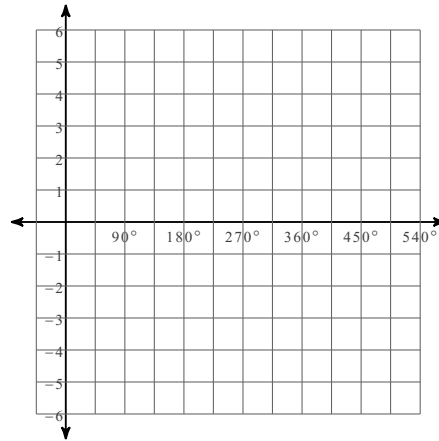
Hwk Amplitude, Vertical Shift, and Midlines

Graph each function using degrees. Then find the amplitude. Clearly label the midline on the graph.

1) $y = 2\sin \theta$

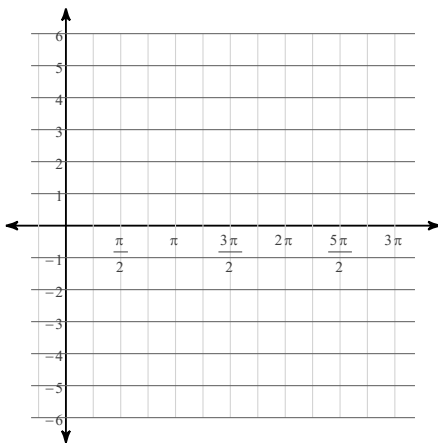


2) $y = \frac{1}{2} \cdot \cos \theta$

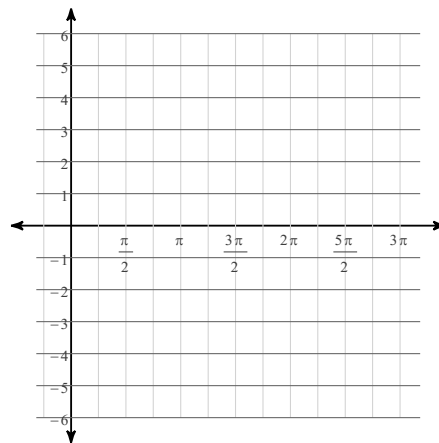


Graph each function using radians. Then find the vertical shift. Clearly label the midline on the graph.

3) $y = \sin \theta - 1$

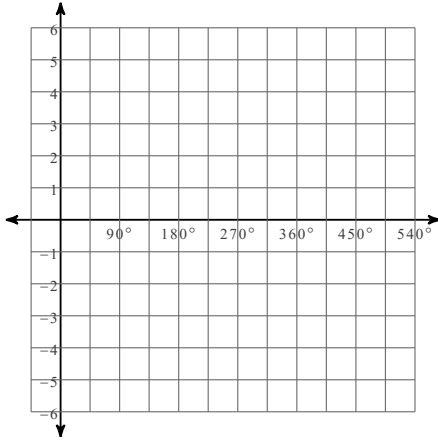


4) $y = \cos \theta - 2$

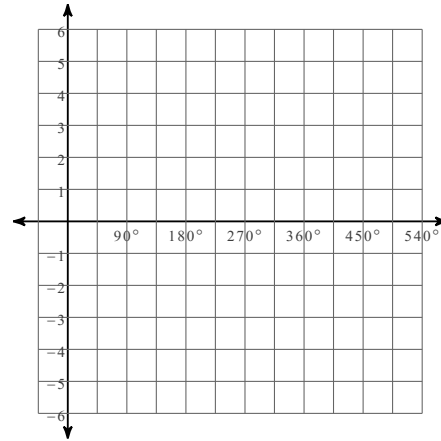


Graph each function using degrees. Then find the A, D, midline, and period. Clearly label the midline on the graph.

5) $y = 3 \cos \theta + 1$

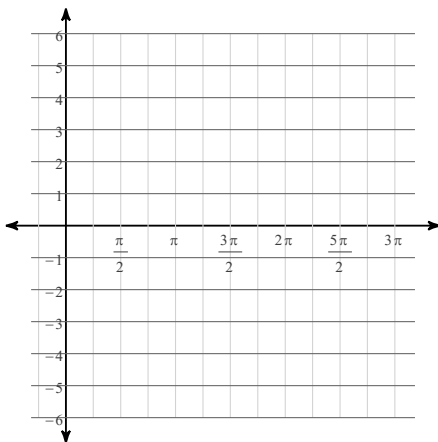


6) $y = \frac{1}{2} \cdot \sin \theta - 1$



Graph each function using radians. Then find the A, D, midline, and period. Clearly label the midline on the graph.

7) $y = \frac{1}{2} \cdot \cos \theta - 1$



8) $y = 2 + \sin \theta$

