

$$x\{0 < x < \pi\}$$

2

$$\frac{\pi}{2} - \frac{4}{\pi} \cos(x) \{ 0 < x < \pi \}$$

3

$$2\sin(x) - \sin(2x) \{ 0 < x < \pi \}$$

4

$$-\frac{\pi}{4}\cos(x) + 2\sin(x)\{0 < x < \pi\}$$