

PROBLEM SHEET 8

$$(1) \quad (a) \quad \frac{\pi}{6} + 2k\pi, -\frac{\pi}{6} + 2k\pi$$

$$(b) \quad \frac{7}{6}\pi + 2k\pi, -\frac{\pi}{6} + 2k\pi$$

$$(c) \quad 0.4$$

$$(d) \quad \frac{\pi}{2} + k\pi$$

$$(e) \quad \frac{\pi}{2} + k\pi$$

$$(2) \quad \sqrt{1-x^2}$$

$$(3) \quad \frac{\sqrt{1-x^2}}{x}$$