

King Fahd University of Petroleum and Minerals

Math Prep-Year Program Math 001

Term 061

Quiz# 4

Name: \_\_\_\_\_

ID#: \_\_\_\_\_ Sec. 47

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**Q1.** Solve  $\lceil 2x + 2 \rceil = -3$

**Q2.** Find an equation of a circle that has diameter with endpoints  $(2, -6)$  and  $(-4, 2)$ .

**Q3.** Find the domain of  $f(x) = \sqrt{\frac{x-2}{1-x}} + 2$