

Math 115 Section 03 (Barsamian) Quiz 1

Ohio University, Friday 10 September, 2004

Name (print): _____

Q1: $\frac{\quad}{20}$ Attendance: $\frac{\quad}{4}$ Course: $\frac{\quad}{24}$ Course Percentage: $\quad\%$ Course Grade:

1 (Similar to exercise 1.2#7.) Express the interval $[-\sqrt{3}, \infty)$ in set notation and in a picture.

2 (Similar to exercise 1.2 #27.) Find the values of x that satisfy the inequality $2x + 9 \leq 4 + x$. (Show your work!) Express your answer in three ways: (i) in set notation, (ii) in interval notation, and (iii) in a picture.

3 (Similar to exercise #1.2#35.) Find the values of x that satisfy the inequality $(x + 2)(x - 4)(x - 6) \leq 0$. (Show your work!) Express your answer in three ways: (i) in set notation, (ii) in interval notation, and (iii) in a picture.

4 (Similar to exercise #1.3#27.) Find the standard form of the equation of the circle that has center at $(-2, 3)$ and radius 3. Sketch the graph.

Math 115 Section 03 (Barsamian) Quiz 1
Ohio University, Friday 10 September, 2004

Name (print): _____

Q1: $\frac{\quad}{20}$ Attendance: $\frac{\quad}{4}$ Course: $\frac{\quad}{24}$ Course Percentage: $\quad\%$ Course Grade:

1 (Similar to exercise 1.2#7.) Express the interval $(-\infty, \sqrt{3}]$ in set notation and in a picture.

2 (Similar to exercise 1.2 #27.) Find the values of x that satisfy the inequality $2x + 9 \leq 3 + x$. (Show your work!) Express your answer in three ways: (i) in set notation, (ii) in interval notation, and (iii) in a picture.

3 (Similar to exercise #1.2#35.) Find the values of x that satisfy the inequality $(x + 3)(x - 5)(x - 7) \leq 0$. (Show your work!) Express your answer in three ways: (i) in set notation, (ii) in interval notation, and (iii) in a picture.

4 (Similar to exercise #1.3#27.) Find the standard form of the equation of the circle that has center at $(-2, 4)$ and radius 4. Sketch the graph.

Math 115 Section 03 (Barsamian) Quiz 1

Ohio University, Friday 10 September, 2004

Name (print): _____

Q1: $\frac{\quad}{20}$ Attendance: $\frac{\quad}{4}$ Course: $\frac{\quad}{24}$ Course Percentage: $\quad\%$ Course Grade:

1 (Similar to exercise 1.2#7.) Express the interval $(\sqrt{3}, \infty)$ in set notation and in a picture.

2 (Similar to exercise 1.2 #27.) Find the values of x that satisfy the inequality $2x + 9 \leq 2 + x$. (Show your work!) Express your answer in three ways: (i) in set notation, (ii) in interval notation, and (iii) in a picture.

3 (Similar to exercise #1.2#35.) Find the values of x that satisfy the inequality $(x + 2)(x - 3)(x - 5) \leq 0$. (Show your work!) Express your answer in three ways: (i) in set notation, (ii) in interval notation, and (iii) in a picture.

4 (Similar to exercise #1.3#27.) Find the standard form of the equation of the circle that has center at $(-2, 5)$ and radius 5. Sketch the graph.

Math 115 Section 03 (Barsamian) Quiz 1

Ohio University, Friday 10 September, 2004

Name (print): _____

Q1: $\frac{\quad}{20}$ Attendance: $\frac{\quad}{4}$ Course: $\frac{\quad}{24}$ Course Percentage: $\quad\%$ Course Grade:

1 (Similar to exercise 1.2#7.) Express the interval $(-\infty, \sqrt{3})$ in set notation and in a picture.

2 (Similar to exercise 1.2 #27.) Find the values of x that satisfy the inequality $2x + 9 \leq 1 + x$. (Show your work!) Express your answer in three ways: (i) in set notation, (ii) in interval notation, and (iii) in a picture.

3 (Similar to exercise #1.2#35.) Find the values of x that satisfy the inequality $(x + 3)(x - 4)(x - 7) \leq 0$. (Show your work!) Express your answer in three ways: (i) in set notation, (ii) in interval notation, and (iii) in a picture.

4 (Similar to exercise #1.3#27.) Find the standard form of the equation of the circle that has center at $(-2, 6)$ and radius 6. Sketch the graph.