Practice worksheet | Proof and circle geometry

Interval notation

Name: _____ Date: _____

6 questions | 14 marks

1. Write $2 \leq x < 7$ as an interval. [2 marks]

2. Write $(-\infty, -3]$ as an inequality. [2 marks]

3. Find $[-2, 4] \cap [1, 8)$. [2 marks]

4. Find $[0, 3) \cup [2, 5]$. [2 marks]

5. Solve $x^2 > 9$ for real x and write intervals. [3 marks]

6. Describe $[1, 5] \cap \mathbb{Z}$ and explain why it is not the full real interval. [3 marks]