Practice worksheet | Linear equations and inequalities

One-variable inequalities

Name: _____ Date: _____

6 questions | 14 marks

1. Solve $x + 4 < 9$. [2 marks]

2. Solve $3x - 2 \geq 10$. [2 marks]

3. Solve $-5x \leq 20$. [2 marks]

4. Solve $2(x+3) > 5x - 9$. [2 marks]

5. Solve $-\frac{x}{2} \geq 3$ and describe its number-line representation. [3 marks]

6. A venue charges a fixed 30 dollars plus 8 dollars per guest. The budget is at most 110 dollars. Find the largest possible whole number of guests. [3 marks]