

Solving Inequalities Bell work**Underline the correct word(s) to complete each sentence.**1) The solution to the inequality $4x - 5 > 2x - 2$ is

- a) $x < \frac{3}{2}$
- b) $x > -\frac{3}{2}$
- c) $x > \frac{3}{2}$
- d) $x > -2$

2) The solution to the inequality $-4(2x+4) \geq 16$ is

- a) $x \leq -7$
- b) $x \leq -4$
- c) $x \geq 4$
- d) $x \geq -2$

3) The solution to the inequality $-x + 5 > 3$ or $3x - 2 \geq 5$ is

- a) $(-\infty, 2) \cup (3, \infty)$
- b) $(-\infty, 1) \cup \left[\frac{7}{3}, \infty\right)$
- c) $(-\infty, 2) \cup \left(\frac{7}{3}, \infty\right)$
- d) $(-\infty, -3) \cup [3, \infty)$

4) The solution to the inequality $7 < -n + 2 \leq 13$ is

- a) $2 > n \geq -6$
- b) $4 > n \geq -5$
- c) $-3 > n \geq -6$
- d) $-5 > n \geq -11$

Solving Inequalities Bell work**Answers****Underline the correct word(s) to complete each sentence.**

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 - c) $x \geq 4$
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- 3) The solution to the inequality $-2x + 5 > 3$ or $3x - 2 \geq 5$ is
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 - c) $(-\infty, 2) \cup \left(\frac{7}{3}, \infty\right)$
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