

To solve a compound inequality joined by the logical connector "**or**", we treat each inequality as a completely separate mathematical statement. The term "or" indicates a **union** of the two solution sets, meaning any value of  $s$  that satisfies *either* the first condition *or* the second condition is part of the final valid solution group.

We isolate the variable  $s$  in both parts independently:

1. **First Inequality:** For  $s - 3 < 1$ , we isolate  $s$  by adding 3 to both sides of the inequality sign ( $s < 1 + 3$ ), which simplifies directly to  **$s < 4$** .
2. **Second Inequality:** For  $0.5s \geq 3$ , the coefficient 0.5 is equivalent to the fraction  $\frac{1}{2}$ . To isolate  $s$ , we multiply both sides of the inequality by 2 to clear the fraction ( $s \geq 3 \cdot 2$ ), which simplifies directly to  $s \geq 6$ .

Combining these two separate solution paths with the original "or" operator yields the final compound interval statement:  $s < 4$  *or*  $s \geq 6$ .