

Solutions

2.1 Subtract 5 then divide by 3: $x \leq 4$.

2.2 Divide by -2 and reverse: $x > -3$.

2.3 List 0,1,2,3,4: five counts.

3.1 False. $-2x < 6$ gives $x > -3$ after division by -2 . For example $x=0$ satisfies the original inequality and the reversed-direction result.

Local review guidance: show the chosen method; give the checked result; explain the condition or failed shortcut. This is authored classroom guidance.