

Chapter 5

Self-Exercise

1. Calculate the following inequalities.
 - (a) $-4x + 8 \leq 0$
 - (b) $-6 + 6k > 2 + 2k$
 - (c) $-3 + 4x > 7$
 - (d) $(5x + 4)(2x + 3) > 0$
2. For each of the following inequality,
 - (i) Solve the inequality of x .
 - (ii) Illustrate the solutions in number line.
 - (iii) Write in the interval notation.
 - (a) $x - 17 > -16$
 - (b) $-9x \geq -90$