

# Activity 1: Am I in that Region?

**Directions:** Determine if the following order pairs belong to the region of the given linear inequality and answer the follow-up questions.

1. Which ordered pair will satisfy to the given inequality?

$$5x + y > 2$$

Remember: To know the given ordered belongs to the region, just substitute it to the linear equation and see if it satisfies or not. When it satisfies, then it is in the region.

2. Which ordered pair will satisfy to the given inequality?

$$y \leq x - 4$$



**Follow- up Questions:** How did you solve each item? What mathematical concept you applied? Are the two given linear inequalities has the same solution?

**ANSWER**

