



## Inequalities (F)

### Pre-Intervention Assessment

Name: \_\_\_\_\_

Class: \_\_\_\_\_

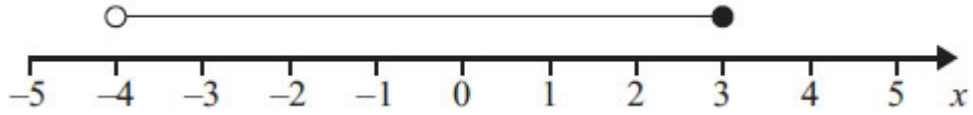
Date: \_\_\_\_\_

Question	Objective	RAG
1	Represent a set of solutions on a number line	
2	Solve linear inequalities	
3	Represent linear inequalities graphically	

1. (a)  $n$  is an integer.  
 $-1 \leq n < 4$   
List the possible values of  $n$ .

.....

(b)



Write down the inequality shown in the diagram.

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2. Solve  $4 < x - 2 \leq 7$

.....

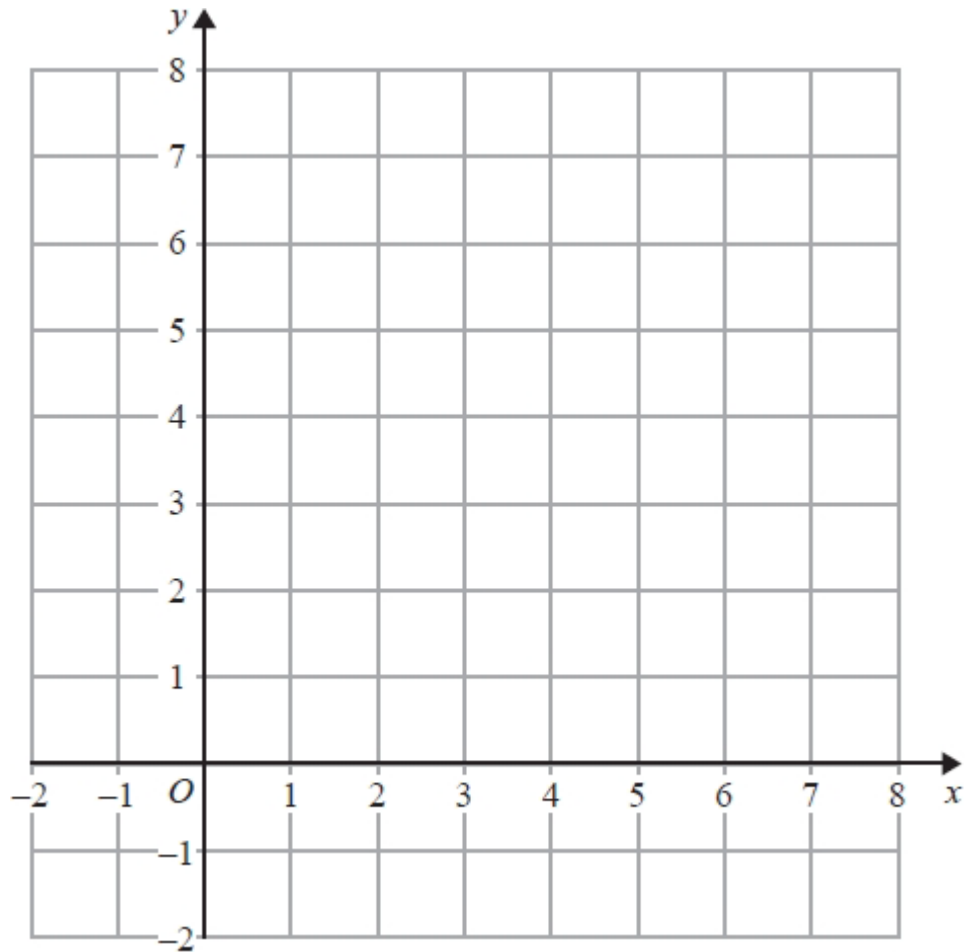
3. On the grid show, by shading, the region that satisfies all three of the inequalities

$$x + y < 7$$

$$y < 2x$$

$$y > 3$$

Label the region **R**.



[Glue here]