

Name:

Date:

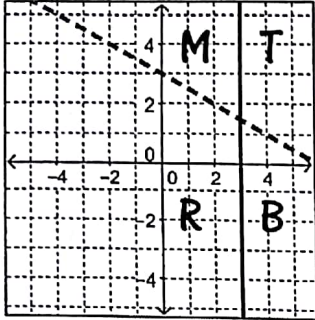
Period:

Graphing Systems of Linear Inequalities – Shading the Solution Area

Directions: The boundary line for each inequality below has been graphed. Shade the correct solution area for the system of linear inequalities. Record the corresponding letter in the boxes below.

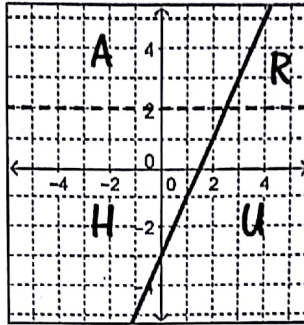
1

$$\begin{aligned} x &\leq 3 \\ x + 2y &> 6 \end{aligned}$$



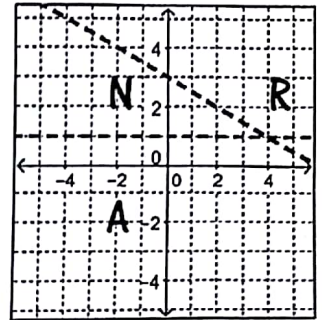
2

$$\begin{aligned} y &> 2 \\ y &\geq 2x - 3 \end{aligned}$$



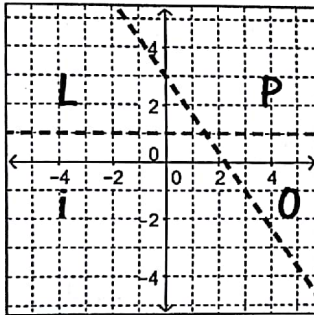
3

$$\begin{aligned} y &> 1 \\ x + 2y &< 6 \end{aligned}$$



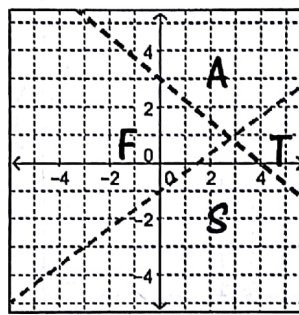
4

$$\begin{aligned} y &< 1 \\ 4x + 3y &< 9 \end{aligned}$$



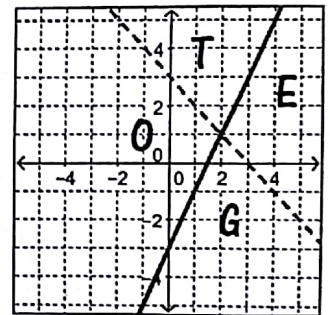
5

$$\begin{aligned} 2x - 3y &< 3 \\ 3x + 4y &< 12 \end{aligned}$$



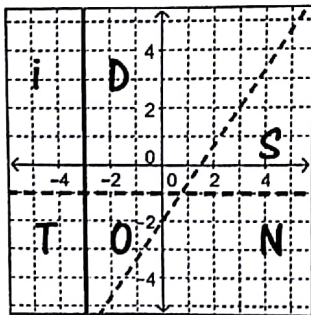
6

$$\begin{aligned} x + y &> 3 \\ y &\leq 2x - 3 \end{aligned}$$



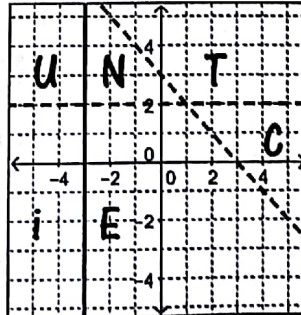
7

$$\begin{aligned} y &> -1 \\ x &\geq -3 \\ 4x - 3y &> 6 \end{aligned}$$



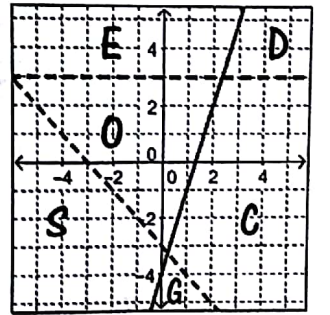
8

$$\begin{aligned} y &> 2 \\ x &\geq -3 \\ y &> -x + 3 \end{aligned}$$



9

$$\begin{aligned} y &< 3 \\ x + y &> -3 \\ y &\geq 3x - 4 \end{aligned}$$



1	2	3	4	5	6	7	8	9