



OGT Math Quiz ~ 10th Grade

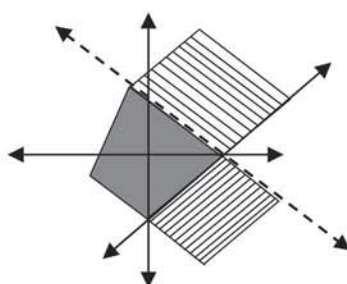
ACADEMIC STANDARD: PATTERNS, FUNCTIONS, AND ALGEBRA

Systems of Linear Inequalities (Benchmark H, Indicator 7)

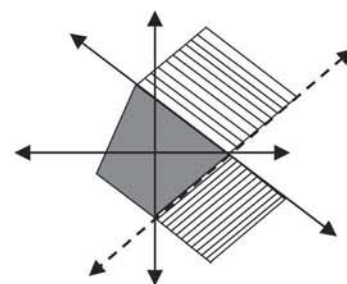
Match the systems with the graphs.

A) $x + y \leq 2$
 $y > x - 2$

1) _____

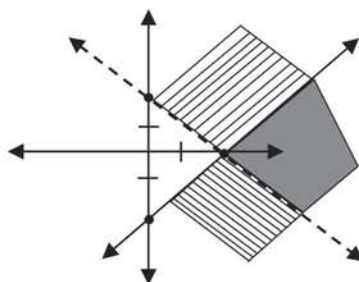


2) _____

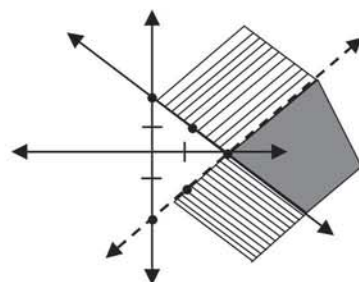


B) $x + y \geq 2$
 $y < x - 2$

3) _____



4) _____



C) $x + y < 2$
 $y \geq x - 2$

D) $x + y > 2$
 $y \leq x - 2$

WRITTEN RESPONSE QUESTION:

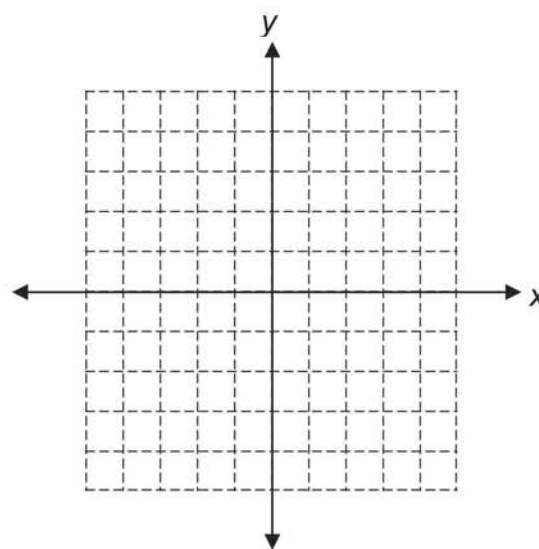
5) Solve the system of inequalities by graphing.

$$y \geq x + 1$$

$$y + x < 1$$

Circle the point(s) that is the solution to this system of inequalities.

- (-3, -3) (-3, 3) (3, -3) (3, 3)



NAME: _____ Date: _____ Score: _____

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