

Coordinate Graphing Happy Halloween

Name _____

Directions: Solve each systems of linear equations.

Plot and connect the solutions and given points only the points within each zone.

TRICK OR TREAT!

A (-3, 7) B (-7, 11) $\begin{cases} 35x - 5y = -195 \\ 15x - 5y = -115 \end{cases}$ C (-1, 11) D (,) $\begin{cases} 40x - 8y = -32 \\ 33x - 11y = -66 \end{cases}$ E (2, 7) F (4, 7) G (,) $\begin{cases} y = -x + 13 \\ y = -5x + 41 \end{cases}$ H (,) $\begin{cases} 10x - 2y = 92 \\ 56x - 7y = 532 \end{cases}$ I (11, 2) J (12, -1) Zone A K (10, -5) L (,) $\begin{cases} 15x - 3y = 129 \\ 12x - 2y = 100 \end{cases}$ M (3, -10) N (,) $\begin{cases} 50x + 10y = -150 \\ 28x - 7y = 42 \end{cases}$ O (-5, -9) P (-9, -6) Q (-11, -3) R (,) $\begin{cases} 63x - 9y = -765 \\ 42x - 7y = -511 \end{cases}$ S (-10, 4) T (-7, 6) U (,) $\begin{cases} y = 9x + 34 \\ y = -2x + 1 \end{cases}$ V (0, 6) W (,) $\begin{cases} y = -4x + 15 \\ y = 6x - 5 \end{cases}$	1 (-5, 5) Zone B 2 (,) $\begin{cases} y = -3x - 7 \\ y = -5x - 13 \end{cases}$ 3 (-8, 1) 4 (,) $\begin{cases} y = -2x - 5 \\ y = 5x + 30 \end{cases}$ 5 (5, 6) Zone C 6 (7, 3) 7 (2, 2) 8 (,) $\begin{cases} y = 4x - 14 \\ y = -x + 11 \end{cases}$ 9 (-1, 2) Zone D 10 (,) $\begin{cases} y = 3x - 6 \\ y = 8x - 11 \end{cases}$ 11 (,) $\begin{cases} 15x + 5y = -55 \\ 10x - 10y = -10 \end{cases}$ 12 (-1, 2) 13 (6, -4) 14 (4, -7) 15 (1, -6) Zone E 16 (-3, -8) 17 (,) $\begin{cases} 18x - 6y = -84 \\ 6x - 3y = -24 \end{cases}$ 18 (-2, -5) 19 (3, -5) 20 (6, -4)
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