

Section 10-4: Using a Graph to Solve a System of Linear Equations

Consistent Equations

1. 080529a, P.I. G.G.63

When solved graphically, which system of equations will have exactly one point of intersection?

[A] $y = -x + 15$

$y = -x + 25$

[B] $y = -x - 20$

$y = x + 17$

[C] $y = \frac{3}{5}x + 12$

$y = 0.6x - 19$

[D] $y = 0.5x + 30$

$y = 0.5x - 30$

[1] B