

Linear Functions

Question

Which of the equations below correspond to parallel lines?

I $y = 5x + 7$

II $y - 3 = 5(x - 1)$

III $5x + y + 2 = 0$

IV $x + 5y = 5$

a I and II

b II and III

c III and IV

d I, II and III

e II, III and IV

Answer: I and II

Comments: Try to have students determine the slope without converting each equation into slope-intercept form.