

Linear Functions

Question

Determine which pairs of the lines below are perpendicular.

a $y = 5x + 7$

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

c $5x + y + 2 = 0$

d $x + 5y = 5$

- I d is perpendicular to c.
- II b is perpendicular to c.
- III a is perpendicular to d.
- IV d is perpendicular to a and to b.
- V c is perpendicular to b and to d.