

Find the equation of the line

WS 19j Graphs Too

(1) perpendicular to $y = -\frac{7}{3}x + 2$ through $(4, 1)$

(2) perpendicular to $y = \frac{3}{4}x - \frac{5}{4}$ through $(-6, 2)$

(3) \perp to $3x - 2y = 4$ through $(4, 3)$

(4) \perp to $y = 3$ through $(-3, 4)$

(5) \perp to $-5x + 3y = -4$ through $(2, -4)$