Linear Functions

Bonus Game Cards
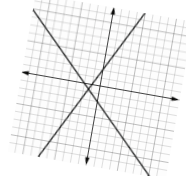
(0, 9) (–4, 12)	$y - 5 = 2(x - 5)$	$x + 3y = -21$	$y = \frac{1}{2}x - 4$
(2, –5) (–4, 13)	$y - 8 = 5(x - 2)$	$3x + 4y = 36$	$y = 2x - 5$
(0, –5) (10, 15)	$y - 6 = -\frac{3}{4}(x - 4)$	$3x + y = 1$	$y = -\frac{1}{3}x - 7$
(–2, –5) (12, 2)	$y + 8 = 5(x + 2)$	$2x - y = 5$	$y = -\frac{3}{4}x + 9$
(–3, –6) (–12, –3)	$y - 4 = -3(x + 1)$	$x - 2y = 8$	$y = 5x + 2$
(1, 7) (2, 12)	$y + 3 = \frac{1}{2}(x - 2)$	$5x - y = -2$	$y = -3x + 1$