

Sort It Out

Equations of Parallel Lines

Sort the equations of straight lines into the four groups.

1	$y = x + 2$	2	$y = 10 + 3x$	3	$y = 2x - 3$
4	$5x - 3 = y$	5	$y = 5 - \frac{3}{2}x$	6	$y - 1 = 3x$
7	$2 + 4x = y$	8	$2y = 6x + 10$	9	$7x - 6 = 2y$
10	$y = -\frac{3}{2}x + 3$	11	$y + x - 2 = 0$	12	$2y + 3x = 0$
13	$3x - y = 11$	14	$5x = y + 3$	15	$\frac{1}{2}x + y = 2$
16	$4y = 5x - 12$	17	$3x + 2y = 12$	18	$16 + y = 3x$
19	$y = -\frac{2}{3}x + 2$	20	$9 + 3y = 2x$	21	$2y = 10 - 3x$
22	$5y = 15x$	23	$9x - 3y - 2 = 0$	24	$y = -3$
25	$6x + 4y = 18$	26	$y + 3x - 2 = 0$	27	$2y = 20 - 3x$
28	$2x + 3y + 9 = 0$	29	$0 = 2 + 8y + 12x$	30	$3x - y - 7 = 0$

A	Parallel to $y = 3x - 2$	B	Passes through $(0, 2)$
2, 6, 8, 13, 18, 22, 23, 30		1, 7, 11, 15, 19, 26	
C	Passes through $(0, -3)$	D	Parallel to $3x + 2y = 6$
3, 4, 9, 14, 16, 20, 24, 28		5, 10, 12, 17, 21, 25, 27, 29	