

Problem Cards

Least challenging	Challenging	Most challenging
$2a + b = 14$ $2b = 8$	$x + 4y = 22$ $x + y = 13$	$3z + 3r = 36$ $2z - 2r = 16$
$2d + 3c = 17$ $2d = 14$	$g + 5h = 18$ $g + 2h = 12$	$4c + 4d = 24$ $3c + d = 8$
$3m + 3n = 18$ $6m = 12$	$2s + 3t = 7$ $2s + 2t = 6$	$7x + 2y = 29$ $8x - 4y = 8$
$3p + q = 14$ $2q = 10$	$5v + w = 15$ $v + w = 7$	$8p + 4q = 32$ $2p + 2q = 10$
$2z + 3r = 12$ $3z = 9$	$2a + 2b = 22$ $2a + 3b = 26$	$y - x = 7$ $2y + 6x = 38$

Problem Cards Solutions

Least challenging	Challenging	Most challenging
$2a + b = 14$ $2b = 8$ $a = 5, b = 4$	$x + 4y = 22$ $x + y = 13$ $x = 10, y = 3$	$3z + 3r = 36$ $2z - 2r = 16$ $r = 2, z = 10$
$2d + 3c = 17$ $2d = 14$ $c = 1, d = 7$	$g + 5h = 18$ $g + 2h = 12$ $g = 8, h = 2$	$4c + 4d = 24$ $3c + d = 8$ $c = 1, d = 5$
$3m + 3n = 18$ $6m = 12$ $m = 2, n = 4$	$2s + 3t = 7$ $2s + 2t = 6$ $s = 2, t = 1$	$7x + 2y = 29$ $8x - 4y = 8$ $x = 3, y = 4$
$3p + q = 14$ $2q = 10$ $p = 3, q = 5$	$5v + w = 15$ $v + w = 7$ $v = 2, w = 5$	$8p + 4q = 32$ $2p + 2q = 10$ $p = 3, q = 2$
$2z + 3r = 12$ $3z = 9$ $r = 2, z = 3$	$2a + 2b = 22$ $2a + 3b = 26$ $a = 7, b = 4$	$y - x = 7$ $2y + 6x = 38$ $y = 10, x = 3$