

Reducer: $a + a + a + a$	$4a$	Reducer: $5y + 4y - 2y + 6y - 7y$	$6y$
Reducer: $x + x + x + x + y$	$4x + y$	Reducer: $6x - 3x + 15y - 9y + 5x$	$8x + 6y$
Reducer: $2a + 5b + 3a + 2b$	$5a + 7b$	Reducer: $a + a + a + b + b$	$3a + 2b$
Reducer: $3z + 7y + 4x + 3z + 6x$	$6z + 7y + 10x$	Reducer: $2x + 3x + 2y + 2y$	$5x + 4y$
Reducer: $3ab + 3a - ab + 6a + 5$	$2ab + 9a + 5$	Reducer: $a + 2b + 4b + 3a$	$4a + 6b$

Reducer: $8x + 3y + xy - 5x - y$	$3x + 2y + xy$	Reducer: $8x + 7y - 3x - 3y + 3$	$5x + 4y + 3$
Reducer: $3b + 4b - 5b + 2b$	$4b$	Reducer: $9b + 3a + ab - 2b$	$3a + 7b + ab$
Reducer: $4a + 5b + a - b + 8 - 3$	$5a + 4b + 5$	Reducer: $9x - 3x + 7y - 5y - x$	$5x + 2y$
Reducer: $8ab + 5a - 2ab + 11a$	$6ab + 16a$	Reducer: $y + x + 5y + 8x - 3x$	$6y + 6x$
Reducer: $x + 2x + 2y$	$3x + 2y$	Reducer: $4a + 6a + 6 + 7a - 2$	$17a + 4$