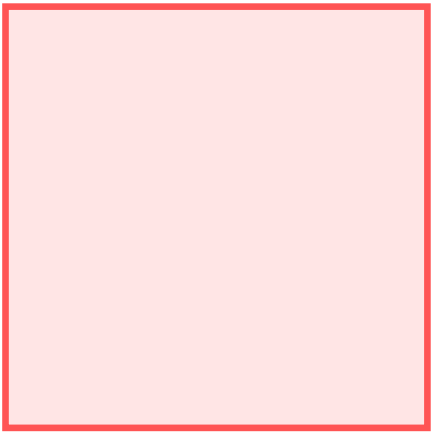
2. 

$10\,j+9\,r+6\,j-2\,r$

$4\,j+11\,r$

$16\,j+11\,r$

$16\,j+7\,r$

$17\,j+11\,r$

Solution

$$10\,j+9\,r+6\,j-2\,r$$
$$=\ (10\,j+6\,j)+(9\,r-2\,r)$$
$$=\ 16\,j+7\,r$$