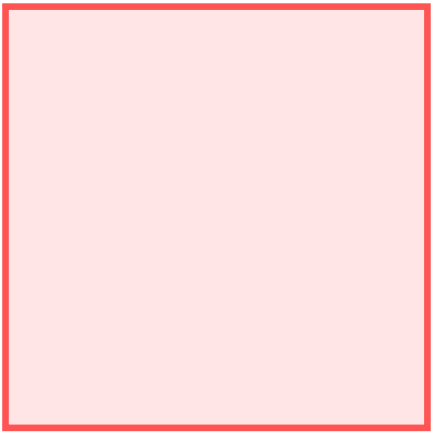
5. 

$12\,y+7\,x+4\,y-2\,x$

$9\,x+8\,y$

$9\,x+16\,y$

$5\,x+16\,y$

$9\,x+17\,y$

Solution

$$12\,y+7\,x+4\,y-2\,x$$
$$= (12\,y+4\,y)+(7\,x-2\,x)$$
$$= 16\,y+5\,x$$