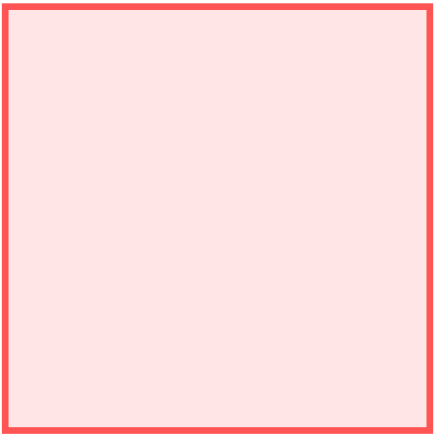
4. 

$12\,n + 11\,v + 4\,n - v$

$8\,n + 12\,v$

$16\,n + 12\,v$

$16\,n + 10\,v$

$17\,n + 12\,v$

Solution

$$12\,n + 11\,v + 4\,n - v$$
$$= (12\,n + 4\,n) + (11\,v - v)$$
$$= 16\,n + 10\,v$$