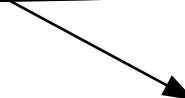


15:AS  
b\_signed = { b[6:0], b[7] };



17:AS  
s\_signed = a + b\_signed;

19:AS  
s = (s\_signed[7])? { 1'b1, s\_signed[6:0] } : s\_signed[7:0];



20:AS  
overflow = a[7] & b[7] & ~s[7] | s\_signed[7] & a[7] & b[7];

