SM ADDITION OPERANDS HAVE DIFFERENT SIGNS => ACTUALLY WE PERFORM SUBTRACTION AN ALGORITHM: 1. COMPARE XM AND ym 2. SUBTRACT SMALLER FROM LARGED 3. SIGNOF THE RESULT = SIGN OF THE OPERAND WITH LARGER MAGNITUDE 2=29 9=-45 1412121 $W = |y| - |\alpha| = 16$ Sign (s) = rign (y) 1=-W=-16 NEED TO KNOW RELATIVE MAGNITUDES = MORE COMPLEX IMPLEMENTATION THAN IN COMPLEMENT ADDITION