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<ul> <li>Comparison: cmp \$6, \$12         <ul> <li>Not zero: ZF=0 (diff is not 00000)</li> <li>Positive: SF=0 (first bit is 0)</li> <li>No carry: CF=0 (unsigned diff is correct)</li> <li>No overflow: OF=0 (signed diff is correct)</li> </ul> </li> </ul>	01100 - <u>00110</u>	$ \begin{array}{r} 01100 \\ +\underline{11010} \\ 00110 \end{array} $
<ul> <li>Comparison: cmp \$12, \$6         <ul> <li>Not zero: ZF=0 (diff is not 00000)</li> <li>Negative: SF=1 (first bit is 1)</li> <li>Carry: CF=1 (unsigned diff is wrong)</li> <li>No overflow: OF=0 (signed diff is correct)</li> </ul> </li> </ul>	00110 - <u>01100</u> ??	00110 + <u>10100</u> 11010
<ul> <li>Comparison: cmp \$-6, \$-12         <ul> <li>Not zero: ZF=0 (diff is not 00000)</li> <li>Negative: SF=1 (first bit is 1)</li> <li>Carry: CF=1 (unsigned diff of 20 and 28 is</li> <li>No overflow: OF=0 (signed diff is correct)</li> </ul> </li> </ul>	10100 - <u>11010</u> ?? s wrong)	$\begin{array}{c} 10100 \\ + \underline{00110} \\ 11010 \end{array}$

















