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<ul> <li>Comparison: cmp \$6, \$12</li> <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>	01100 - <u>00110</u>	
<ul> <li>Comparison: cmp \$12, \$6</li> <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>	00110 - <u>01100</u> ??	→ $\begin{array}{c} 00110 \\ +10100 \\ 11010 \end{array}$
<ul> <li>Comparison: cmp \$-6, \$-12</li> <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>	•	$\begin{array}{c} 10100 \\ +00110 \\ 11010 \end{array}$















