





000 = +0 $000 = +0$ $000 = +0$ $001 = +1$ $001 = +1$ $001 = +1$ $010 = +2$ $010 = +2$ $010 = +2$ $011 = +3$ $011 = +3$ $011 = +3$ $100 = -0$ $100 = -3$ $100 = -4$ $101 = -1$ $101 = -2$ $101 = -3$ $110 = -2$ $110 = -1$ $110 = -2$
01 = +1 $001 = +1$ $001 = +1$ $10 = +2$ $010 = +2$ $010 = +2$ $11 = +3$ $011 = +3$ $011 = +3$ $00 = -0$ $100 = -3$ $100 = -4$ $01 = -1$ $101 = -2$ $101 = -3$ $10 = -2$ $110 = -1$ $110 = -2$
010 = +2 $010 = +2$ $010 = +2$ $011 = +3$ $011 = +3$ $011 = +3$ $100 = -0$ $100 = -3$ $100 = -4$ $101 = -1$ $101 = -2$ $101 = -3$ $110 = -2$ $110 = -1$ $110 = -2$
11 = +3 $011 = +3$ $011 = +3$ $00 = -0$ $100 = -3$ $100 = -4$ $01 = -1$ $101 = -2$ $101 = -3$ $10 = -2$ $110 = -1$ $110 = -2$
100 = -0100 = -3100 = -4101 = -1101 = -2101 = -3110 = -2110 = -1110 = -2
101 = -1101 = -2101 = -3110 = -2110 = -1110 = -2
110 = -2 110 = -1 110 = -2
111 = -3 111 = -0 111 = -1
es: balance, number of zeros, ease of operation h one is best? Why?

## **MIPS**





























