Instructor: Randy Shepherd

Name: NetId:

Using our IEEE754-like 6-bit specification from class decode the bit patterns.

When calculating a value, show all work like we did on the slides in class, including the calculation of each operand and the bias.

Hand it in at recitation on Tuesday, Mar 8th.

S	exp	frac
1	3-bits	2-bits
	value <sub>10</sub> = $(-1)^s * M_2 * 2^E$	

1) 100001<sub>2</sub> 2) 110010<sub>2</sub>

3) 0111012

4) 100111<sub>2</sub>

5) 011010<sub>2</sub> 6) 110111<sub>2</sub>

7) 000111<sub>2</sub> 8) 100000<sub>2</sub>