No guarantee that everything on here is right. I did this one quickly and didn’t double check!

-7 0000 1001

-6 0001 1010

-5 0010 1011

-4 0011 1100

-3 0100 1101

-2 0101 1110

-1 0110 1111

0 0111 0000

1 1000 0001

2 1001 0010

3 1010 0011

4 1011 0100

5 1100 0101

6 1101 0110

7 1110 0111

8 1111 ?

49.

-7 – 8,

-15 – 16,

(2^(n-1) – 1) – 2^n-1

50.

-12.5

1 110 1001

13.0

0 000 1101.

1.101 x 2^-

0 000 1010

51.

0 010 1101 = .90625 in decimal

1 101 0110 = -20.5

52.

0100 0001 1101 1000 1101 0000 0000 0000

41D8D000

53.

4280 0000

1115684864

B350 0000

3008364544

0 1001 1110 0110 0110 0101 0000 0000 0000

0061 0000

6356992