A. 0x7819 AND 0x829A

```
0x7819 = 0111 1000 0001 1001
0x829A = 1000 0010 1001 1010 | AND
         0000 0000 0001 1000
       = 0x0018
```

B. 0xA281 OR 0xF037

```
0xA281 = 1010 0010 1000 0001
0xF037 = 1111 0000 0011 0111 | OR
         1111 0010 1011 0111
       = 0xF2B7
```

C. NOT ((NOT 0x5478) AND (NOT 0xFEED))

¬(¬A ^ ¬B) = A ^v B

```
0x5478 = 0101 0100 0111 1000
0xF037 = 1111 0000 0011 0111 | OR
         1111 0100 0111 1111
       = 0xF47F
```

D. 0x8814 XOR 0x93FA

```
0x8814 = 1000 1000 0001 0100
0x93FA = 1001 0011 1111 1010 | XOR
         0001 1011 1110 1110
       = 0x1BEE
```

E. 0x2871 NOR (NOT 0xCAFE)

```
0xCAFE = 1100 1010 1111 1110
(NOT) CAFE = 0011 0101 0000 0001
0x2871 = 0010 1000 0111 0001 | NOR
         1100 0010 1000 1110
       = 0xC28E
```