

week1

### **Bonus point assignment – week 1**

Convert your student number to a hexadecimal number and a binary number.

Binary: 10001100000000110000

Hexadecimal: 8C030

Explain in detail that the calculation is correct. Use the PowerPoint slides of week 1.

524288      262144 131072 65536 32768 16384 8192 4096 2048 1028 512 256 128 64  
32 16 8 4 2 1

1      0      0      0      1      1      0 0    0    0    0    0    0    0    0    1 1 0 0 0 0

Dus  $524288 + 32768 + 16384 + 32 + 16 = 573488$

Hexadecimaal:

Je pakt groepen van 4

1000 1100 0000 0011 0000

8      12      0      3      0

12 = C

8C030