**1) & 2)**

| Decimal | Hexadecimal |
|---------|-------------|
| 0 | 0 |
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |
| 4 | 4 |
| 5 | 5 |
| 6 | 6 |
| 7 | 7 |
| 8 | 8 |
| 9 | 9 |
| 10 | A |
| 11 | B |
| 12 | C |
| 13 | D |
| 14 | E |
| 15 | F |
| 16 | 10 |
| 17 | 11 |
| 18 | 12 |
| 19 | 13 |
| 20 | 14 |

**3)**

**3F7A7(16) a (10)**
= 3 * 16^4 + 15 * 16^3 + 7 * 16^2 + 10 * 16^1 + 7 * 16^0
= 3 * 65.536 + 15 * 4.096 + 7 * 256 + 10 * 16 + 7 * 1
= 196.608 + 61.440 + 1.792 + 160 + 7
= 260.007

**3F7A7(16)  =   260.007(10)**

**678EF(16) a (10)**
= 6 * 16^4 + 7 * 16^3 + 8 * 16^2 + 14 * 16^1 + 15 * 16^0
= 6 * 65.536 + 7 * 4.096 + 8 * 256 + 14 * 16 + 15 * 1
= 393.216 + 28.672 + 2.048 + 224 + 15
= 424.175

**678EF(16)  =   424.175(10)**

**679AB(16) a (10)**
= 6 * 16^4 + 7 * 16^3 + 9 * 16^2 + 10 * 16^1 + 11 * 16^0
= 6 * 65.536 + 7 * 4.096 + 9 * 256 + 10 * 16 + 11 * 1
= 393.216 + 28.672 + 2.304 + 160 + 11
= 424.363

**678EF(16)  =   424.363(10)**

**10C13(16) a (10)**
= 1 * 16^4 + 0 * 16^3 + 12 * 16^2 + 1 * 16^1 + 3 * 16^0
= 1 * 65.536 + 0 * 4.096 + 12 * 256 + 1 * 16 + 3 * 1
= 65.536 + 0 + 3.072 + 16 + 3
= 68.627

**10C13(16)  =   68.627(10)**

**ABCDE(16) a (10)**
= 10 * 16^4 + 11 * 16^3 + 12 * 16^2 + 13 * 16^1 + 14 * 16^0
= 10 * 65.536 + 11 * 4.096 + 12 * 256 + 13 * 16 + 14 * 1
= 655.360 + 45.056 + 3.072 + 208 + 14
= 703.710

**ABCDE(16)  =   703.710(10)**