Number Conversions Mixed Practice

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a number system that only uses the digits 0 and

1 and powers of 2.

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a number system that uses the digits 0 – 7 and the powers of 8.
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a number system that uses the digits 0 -9 along with the letters A – F and the powers of 16.
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a number system that uses the digits 0-9 and powers of 10.

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| 1. Write 7510 in binary | 1. Write 10210 in binary |
| 1. Write 3B16 in decimal | 1. Write AC16 in decimal |
| 1. Write 001100012 in decimal | 1. Write 101011102 in decimal |
| 1. Write 678 in decimal | 1. Write 1238 in decimal |
| 1. Write 00102 in decimal | 1. Write 238 in decimal |
| 1. Write 1116 in decimal | 1. Write E816 in decimal |
| 1. Write 10310 in binary | 1. Write 2510 in binary |
| 1. Write 4510 in binary | 1. Write 20010 in binary |