BASE

cubes	carrés	barrettes	unités

Les ateliers de Cathy

1876 base 9 =	base 10	$1\,(9^3) + 8\,(9^2) + 7\,(9^1) + 6\,(9^0) =$ $1x729 + 8 \times 81 + 7x9 + 6x1 =$ $729 + 648 + 63 + 6 =$ 1446
1333 base 4 =	base 10	$1\,(4^3) + 3\,(4^2) + 3\,(4^1) + 3\,(4^0) =$ $1 \times 64 + 3 \times 16 + 3 \times 4 + 3 \times 1 =$ $64 + 48 + 12 + 3 =$ 127
1654 base 7 =	base 10	$1(\,7^3) + 6\,(7^2) + 5\,(7^1) + 4\,(7^0) =$ $1 \times 343 + 6 \times 49 + 5 \times 7 + 4 \times 1 =$ $343 + 294 + 35 + 4 =$ 676
1752 base 8 =	base 10	$1\,(\,8^3) + 7\,(8^2) + 5\,(8^1) + 2\,(8^0) =$ $1 \times 512 + 7 \times 64 + 5 \times 8 + 2 \times 1 =$ $512 + 448 + 40 + 2 =$ 1002

1531 base 6 =	base 10	$1\,(6^3) + 5\,(6^2) + 3(6^1) + 1(6^0) =$ $1 \times 216 + 5 \times 36 + 3 \times 6 + 1 \times 1 =$ $216 + 180 + 18 + 1 =$ 415
1434 base 5 =	base 10	$1\,(5^3) + 4\,(5^2) + 3\,(5^1) + 4\,(5^0) =$ $1 \times 125 + 4 \times 25 + 3 \times 5 + 4 \times 1 =$ $125 + 100 + 15 + 4 =$ 244
1222 base 3 =	base 10	$1\,(3^3) + 2\,(3^2) + 2\,(3^1) + 2\,(3^0) =$ $1 \times 27 + 2 \times 9 + 2 \times 3 + 2 \times 1 =$ $27 + 18 + 6 + 2 =$ 53