



## Elementary, Number Conversion

Name	Date
Convert the following numbers to the required base $(1)$ From decimal to binary: 8700	(2) From dec to base-5: 49179
(=)	(=)
(3) From octal to decimal: 213542	(4) From hex to binary: C9FF:
(5) From octal to decimal: 271475	(6) From decimal to HEX: 1302:
(8) From Octar to decimal. 271473	(0) From decimal to TIEX. 1302.
(7) From dec to base-9: 19204	(8) From decimal to octal: 99962:
(0) Franchinani ta UEV. 11010111000110	(10) Francisco de circo de la UEV. 26206.
(9) From binary to HEX: 11010111000110	(10) From decimal to HEX: 36386:
(11) From HEX to decimal: 6115	(12) From decimal to octal: 54714:





## **Answers**

Convert the following numbers to the required base	
$\left(1\right)$ From decimal to binary: 8700	(2) From dec to base-5: 49179

= 100001111111100 = 3033204

(3) From octal to decimal: 213542 (4) From hex to binary: C9FF

= 71522 = 11001001111111111

 $(5) \ \mathsf{From \ octal \ to \ decimal:} \ \ 271475 \\ (6) \ \mathsf{From \ decimal \ to \ HEX:} \ 1302$ 

= 95037 = 516

(7) From dec to base-9: 19204 (8) From decimal to octal: 99962

= 28307 = 303172

(9) From binary to HEX: 11010111000110 (10) From decimal to HEX: 36386

 $= 35C6 \qquad \qquad = 8E22$ 

(11) From HEX to decimal: 6115 (12) From decimal to octal: 54714

= 24853 = 152672