



# Number System Conversions

Convert from one base to the other

Name \_\_\_\_\_ Date \_\_\_\_\_

(1) From dec to binary: 576

(2) From hex to binary: 3F4

(3) From binary to hex: 10010000100

(4) From octal to decimal: 2343

(5) From octal to decimal: 1405

(6) From HEX to decimal: 2D2

(7) From binary to decimal: 1110001101

(8) From HEX to decimal: 446

(9) From decimal to HEX: 601

(10) From dec to base-8: 1025

(11) From decimal to HEX: 502

(12) From decimal to octal: 901

(13) From decimal to octal: 748

(14) From dec to base-4: 770



# Number System Conversions

Convert from one base to the other

Name \_\_\_\_\_ Date \_\_\_\_\_

## A N S W E R   K E Y

(1) From dec to binary: 576

= **1001000000**

(2) From hex to binary: 3F4

= **1111110100**

(3) From binary to hex: 10010000100

= **484**

(4) From octal to decimal: 2343

= **1251**

(5) From octal to decimal: 1405

= **773**

(6) From HEX to decimal: 2D2

= **722**

(7) From binary to decimal: 1110001101

= **909**

(8) From HEX to decimal: 446

= **1094**

(9) From decimal to HEX: 601

= **259**

(10) From dec to base-8: 1025

= **2001**

(11) From decimal to HEX: 502

= **1F6**

(12) From decimal to octal: 901

= **1605**

(13) From decimal to octal: 748

= **1354**

(14) From dec to base-4: 770

= **30002**