Number System Conversions

Name: _____   **Date:** _____

👉 Fill in the blanks to each of the statements, converting the values from one number system to another.

(1)   1 in decimal is equal to ____ in octal

(2)   2 in decimal is equal to ____ in octal

(3)   4 in decimal is equal to ____ in octal

(4)   27 in decimal is equal to ____ in octal

(5)   71 in decimal is equal to ____ in octal

(6)   88 in decimal is equal to ____ in octal

(7)   417 in decimal is equal to ____ in octal

(8)   554 in decimal is equal to ____ in octal

(9)   1347 in octal is equal to ____ in decimal

(10)   957 in decimal is equal to ____ in octal

(11)   1746 in octal is equal to ____ in decimal

(12)   3 in decimal is equal to ____ in octal

(13)   226 in octal is equal to ____ in decimal

(14)   434 in octal is equal to ____ in decimal

(15)   431 in decimal is equal to ____ in octal

(16)   448 in decimal is equal to ____ in octal

(17)   561 in decimal is equal to ____ in octal

(18)   598 in decimal is equal to ____ in octal

(19)   1376 in octal is equal to ____ in decimal

(20)   846 in decimal is equal to ____ in octal

(21)   1665 in octal is equal to ____ in decimal

Number System Conversions
A N S W E R   K E Y

👉 Fill in the blanks to each of the statements, converting the values from one number system to another.

(1) 1 in decimal is equal to __1__ in octal

(2) 2 in decimal is equal to __2__ in octal

(3) 4 in decimal is equal to __4__ in octal

(4) 27 in decimal is equal to __33__ in octal

(5) 71 in decimal is equal to __107__ in octal

(6) 88 in decimal is equal to __130__ in octal

(7) 417 in decimal is equal to __641__ in octal

(8) 554 in decimal is equal to __1052__ in octal

(9) 1347 in octal is equal to __743__ in decimal

(10) 957 in decimal is equal to __1675__ in octal

(11) 1746 in octal is equal to __998__ in decimal

(12) 3 in decimal is equal to __3__ in octal

(13) 226 in octal is equal to __150__ in decimal

(14) 434 in octal is equal to __284__ in decimal

(15) 431 in decimal is equal to __657__ in octal

(16) 448 in decimal is equal to __700__ in octal

(17) 561 in decimal is equal to __1061__ in octal

(18) 598 in decimal is equal to __1126__ in octal

(19) 1376 in octal is equal to __766__ in decimal

(20) 846 in decimal is equal to __1516__ in octal

(21) 1665 in octal is equal to __949__ in decimal