

# Equivalencies in Other Bases Quiz

Convert the given numbers to base ten numbers and complete the riddles.

1.  $1102200_{\text{four}}$  = F. in a M. \_\_\_\_\_
2.  $110_{\text{two}}$  = W. of H. the E. \_\_\_\_\_
3.  $3_{\text{five}}$  = P. for a F. G. in F. \_\_\_\_\_
4.  $110_{\text{seven}}$  = S. of the D. of I. \_\_\_\_\_
5.  $663_{\text{eight}}$  = M. of the H. of R. \_\_\_\_\_
6.  $220_{\text{five}}$  = S. in a M. \_\_\_\_\_
7.  $1101_{\text{two}}$  = C. in a S. \_\_\_\_\_
8.  $20_{\text{four}}$  = P. of S. in the E. L. \_\_\_\_\_
9.  $30382_{\text{nine}}$  = L. U. the S. \_\_\_\_\_
10.  $111_{\text{five}}$  = I. C. F. at B. R. \_\_\_\_\_
11.  $42_{\text{seven}}$  = D. H. S. A. J. and N. \_\_\_\_\_
12.  $10_{\text{nine}}$  = I. in a B. G. \_\_\_\_\_
13.  $2_{\text{eleven}}$  = T. D. (and a P. in a P. T.) \_\_\_\_\_
14.  $122_{\text{six}}$  = C. in a H. D. \_\_\_\_\_
15.  $1111_{\text{three}}$  = T. (with A. B.) \_\_\_\_\_
16.  $422_{\text{seven}}$  = D. at which W. B. \_\_\_\_\_
17.  $101_{\text{two}}$  = F. on a H. \_\_\_\_\_
18.  $121_{\text{three}}$  = O. in a P. \_\_\_\_\_
19.  $32_{\text{six}}$  = Y. that R. V. W. S. \_\_\_\_\_
20.  $2420_{\text{eight}}$  = S. I. in S. Y. \_\_\_\_\_