



# Daffynition Decoder

HAUNTED HOUSE:

$$\overline{10^{-11} 10^{-4} 10^{-7} 10^4 10^{-8} 10^{-5} 10^5 10^{-2} 10^3 10^{-11} 10^{-4} 10^{-5} 10^4}$$

SUIT OF ARMOR:

$$\overline{10^9 10^{-4} 10^{-1} 10^{-13} 10^2 10^6 10^{-13} 10^{-5} 10^{-6} 10^{-4}}$$

WITCH:

$$\overline{10^{12} 10^7 10^0 10^{-1} 10^{-4} 10^{-13} 10^{-2} 10^{-5} 10^4 10^{-3} 10^{-7} 10^4 10^{-7} 10^4}$$

TO DECODE THESE THREE DAFFYNITIONS:

Write any expression below as a single power of 10. Each time your answer appears in the code, write the letter of that exercise above it.

KEEP WORKING AND YOU WILL DECODE THREE DE-FUN-ITIONS.

(T)  $10^{-2} \cdot 10^8 = 10^{-2+8} = \boxed{10^6}$

(A)  $10^{-4} \cdot 10^{-7} =$

(U)  $\frac{1}{1000} \cdot 10^8 =$

(I)  $10 \cdot \frac{1}{100} =$

(C)  $\frac{1}{10} \cdot \frac{1}{100} =$

(W)  $\frac{1}{1,000,000} =$

(H)  $10^9 \div 10^7 =$

(O)  $10 \div 10^6 =$

(Y)  $\frac{10^{-2}}{10^{-2}} =$

(E)  $\frac{1}{10,000} \div 1000 =$

(M)  $\frac{1}{100} \div \frac{1}{100,000} =$

(K)  $1,000,000,000 =$

(V)  $\frac{1}{100,000} \cdot \frac{1}{1000} =$

(F)  $10^8 \div \frac{1}{10,000} =$

(S)  $10^6 \cdot 10^{-8} =$

(L)  $\frac{10^3}{10^{-4}} =$

(G)  $10^{-10} \cdot \frac{1}{1000} =$

(R)  $1000 \div \frac{1}{10} =$

(N)  $\frac{1}{10^4} =$