

# Did You Hear About. . .

A	B	C	D	E	F	G
H	I	J	K	L	M	N ?

$2 \times 10^{10}$ —AWAY

$2 \times 10^{12}$ —FIVE

$2.6 \times 10^4$ —TEN

$8 \times 10^{-2}$ —MUSIC

$1.5 \times 10^{12}$ —WERE

$1.2 \times 10^{-2}$ —WHO

$2 \times 10^{-4}$ —TIGERS

$3 \times 10^5$ —A

$4 \times 10^{-6}$ —TWO

$5 \times 10^{-1}$ —CASH

$5 \times 10^2$ —GOT

$2.6 \times 10^3$ —THE

$3 \times 10^{-8}$ —STORE

$4 \times 10^{-5}$ —FOR

DIRECTIONS: Work any problem below. Find your answer in one of the answer columns and notice the word next to it. Write this word in the box with the same letter as the problem.  
KEEP WORKING AND YOU WILL HEAR ABOUT SOMETHING NOTEWORTHY!

(A)  $\frac{9 \times 10^6}{3 \times 10^2}$

(B)  $\frac{8 \times 10^3}{2 \times 10^9}$

(C)  $\frac{6 \times 10^{-1}}{3 \times 10^4}$

(O)  $\frac{4.8 \times 10^{-7}}{4 \times 10^{-5}}$

(E)  $\frac{7.5 \times 10^8}{5 \times 10^{-2}}$

(F)  $\frac{3.5 \times 10}{7 \times 10^{-9}}$

(G)  $\frac{6.4 \times 10^3}{8 \times 10^4}$

(H)  $\frac{4.5 \times 10^{-6}}{1.5 \times 10^2}$

(I)  $\frac{7.2 \times 10^{-10}}{1.8 \times 10^{-3}}$

(J)  $\frac{4 \times 10^5}{8 \times 10^2}$

(K)  $\frac{3 \times 10^3}{1.5 \times 10^{-7}}$

(L)  $\frac{8 \times 10^{-1}}{1.6 \times 10^{-8}}$

(M) Jupiter, the largest planet in our solar system, is  $7.8 \times 10^8$  kilometers from the sun. The speed of light is  $3 \times 10^5$  kilometers per second. How many seconds does it take sunlight to reach Jupiter?

(N) The total length of all the drawers in a library card catalog is  $5 \times 10^3$  centimeters. If each card has a thickness of  $2.5 \times 10^{-2}$  centimeters, how many cards will fit in the card catalog?

$1.2 \times 10^{-1}$ —FROM

$1.5 \times 10^{10}$ —ROBBED

$5 \times 10^{-6}$ —TEN

$3 \times 10^4$ —THE

$3 \times 10^{-10}$ —HORN

$4 \times 10^{-7}$ —AND

$5 \times 10^7$ —WITH

$4 \times 10^{-5}$ —BIG

$2 \times 10^4$ —BED

$2 \times 10^5$ —LUTE

$6 \times 10^2$ —DOUGH

$2 \times 10^{-5}$ —GUYS

$5 \times 10^5$ —A

$8 \times 10^2$ —BIG

