



Puzzle Time

Why Do Elephants Have Big Trunks?

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

Complete each exercise. Find the answer in the answer column. Write the word under the answer in the box containing the exercise letter.

-2 THE
-6 SHOPPING
$-\frac{2}{3}$ HAVE
-1 GO
2 TO
-100 GROCERIES

Solve the equation.

- A. $5^{3-2x} = 5^{-x}$

B. $3^{2x} = 3^{-x}$
- C. $3^{-2x+1} \bullet 3^{-2x-3} = 3^{-x}$

D. $10^{1-x} = 10^4$
- E. $3^{2x-1} = 27$

F. $4^{x+1} = \frac{1}{64}$
- G. $\log_3(x + 3) = 0$

H. $\log(-x) + 2 = 4$
- I. $\log_3(x - 3) = 4$

J. $2 \log_7(-2x) = 0$
- K. $\log(-2x + 9) = \log(7 - 4x)$
- L. $\log_{12}(x^2 + 35) = \log_{12}(-12x - 1)$

0 THEY
$-\frac{1}{2}$ THEY
-4 PUT
-3 SOMEWHERE
84 WHEN
3 SO