

“Why do shoes make poor debaters?”

Solve each equation. Round your answer to the nearest hundredth at the end of your work. To figure out the joke, place the letter of each problem above the answer on the line(s) below.

R: $3^x = 8$

H: $5^{x+1} = 12$

I: $7^{2x} = 11$

S: $5^x = 3^{x+1}$

U: $2^{x+1} = 9^x$

T: $3^{x-2} = 5^{1-x}$

D: $5(3^x) = 7$

A: $2^x \cdot 3^x = 8$

L: $5 \cdot 3^x = 4^x$

E: $2^{x-1} \cdot 3 = 5^{x+2}$

Y: $3^{x+1} \cdot 2^{x-2} = 8^x$

1.41
0.54
-3.07
-1
1.16
1.89
-3.07

-3.07
1.16
2.15
0.62
5.59
-1
2.15
0.46
-3.07
0.31
-3.07