"What did the vampire doctor say to his patient?"

Solve each equation To figure out the joke, place the letter of each problem above the answer on the line(s) below.

N.
$$\log_3(2x-1)=3$$

0.
$$\log_7(3x-11) = \log_7(x-3)$$

H.
$$\log_{6} x + \log_{6} 3 = 2$$

8.
$$\log_2(x-3)^3 = 6$$

F.
$$4\log_8 x = 2\log_8 9$$

1.
$$\log x + \log(x + 2) = \log 3$$

A.
$$2\log_2(x+6) - \log_2 16 = 2$$

C.
$$\log_4(x^2-4) - \log_4(x+2) = 2$$

T.
$$\log_2(5x+7) - \log_2 x = 2$$

P.
$$\log(x+5) - \log(x-1) = \log(x+2) - \log(x-3)$$

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