

Name: _____

Show work needed to justify your answer.

Date: _____

HW: # 39b: Math IBSL - Standard 38 - Logarithms

5 points

1 Write each expression as a single logarithm:

a $\log 3 + \log 5$

b $\log 16 - \log 2$

g $5 \log 2 + 2 \log 5$

h $\log 128 - 6 \log 2$

c $3 \log 5$

d $3 \log 4 - 4 \log 3$

i $\log 2 + \log 3 + \log 4$

j $\log 12 - 2 \log 2 + \log 3$

e $\log x + \log 1$

f $\log 236 - \log 1$

k $5 \log 2 + 4 \log 3$

l $\log 6 + 3 \log 3 - \log 2$
