



SOLVE FOR a

ADD (1) +(2) ELIMINATE 7 $-m_{A}a - m_{B}a = M_{K}M_{B}9 - m_{A}9$ $-m_{A}a - m_{B}a = M_{K}M_{B}9 - M_{K}M_{B}9$ $(m_{A}+m_{B})a = m_{A}9 - M_{K}M_{B}9$ $a = M_{A}9 - M_{K}M_{B}9$ $m_{A}+m_{B}$

ELMITATE a, SOLUE FORT

T= mag - maa

T = mag - maa