boppa:

mgn= = = my2

29h = V2

v2 = 2(10)(220-27)

v2 = 38.6

MNDORDA

KE fui = KF+ ME

mgh = = = mv2

h = 1/92

 $n = \frac{38-6}{2(10)} = 1.93 \, \text{cm}$

Rhoda should compress the spring 1.03cm to hit the center of the box.

10) a) F=ma

Eg-T=ma

mgsine - 長a=ma