AKASH · PAI

pai. 88

SHOW WORK

9. d= 2.2m

= 27 cm = 0.27 m

 $d_1 = 2 \cdot 2 - 0 \cdot 27$

= 1.93m

That v_ he initial velocity of first try

That v_ he the initial velocity of the second try

(at 62 he the initial velocity of the second try Let (a) he the surprised length of compression for the try

Let (b) be the compression of the second try

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 $= 2.2 \times (0.01)$ 1.93

= 0.0125m

= 1.25 cm

: The spring as to be compressed 1.25 cm to hit the center of the bon