HOMEWORK Questions...

Worksheet - Applications.pdf

the funnel above the bottom of the glass?

- 10. Prior to 1982, visitors to the observation deck of the Peace Tower in Ottawa had to ride two elevators. The Memorial Chamber at the base of the tower made a vertical assent impossible. A new elevator system carries visitors up the first 24.2 m by travelling a path inclined at 10° to the vertical. It then rises vertically for the balance of the trip.
 - a) How long is the elevator shaft that runs on the inclu-
 - b) By how far is the elevator displaced horizontally by the incline?
 - c) What is the slope of the incline to 2 decimal places?

Prove the shorter one, the angle of elevation $\sin 80^{\circ} = \frac{\partial Y_{,2}}{\nabla}$ J416 4.6 124. $X = \frac{24,2}{51,80}$ X = 24.6 m24.62-24.22



HOMEWORK...

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