

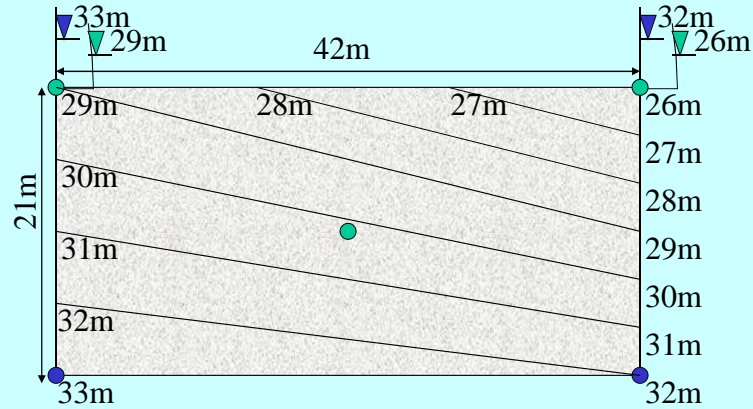


Calculate a resultant velocity at the center

now the gradient is different at top and bottom and from side to side

$$K_x = 1 \times 10^{-5} \text{ m/s} \quad K_y = 1 \times 10^{-6} \text{ m/s}$$

Assume linear variation of head



Now Calculate a resultant velocity at the center



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