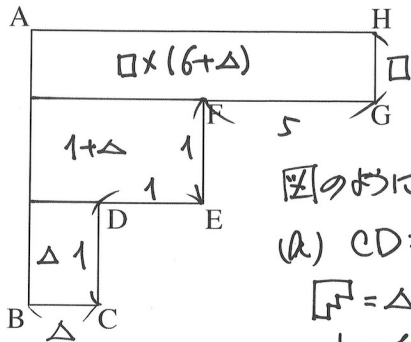


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図の如くに $BC = \Delta \text{ cm}$. $AH = \square \text{ cm}$ とする.

(a) $CD = 1 \text{ cm}$ の時

$$\square = \Delta + 1 + \Delta + \square \times (6 + \Delta) = 41.$$

よって.

$$2 \times \Delta + \square \times (6 + \Delta) = 40$$

$\Delta = 1 \text{ cm}$ の時