Q10. Boat and Stream (15 marks):

A boat travels in a river downstream from point *P* to point *Q*, and then upstream from *Q* to *P*. Assume that the speed of the boat in still water is 26km/hour, the speed of the river current is 4km/hour, and the round-trip traveling time of the boat is *T* hours.

Write a programme to

Input the round-trip time of the boat, *T* (in unit of hour), where $0 < T \leq 5$.

Output the value of the distance between points *P* and *Q* (in unit of km).

Note: The output value must be rounded to two decimal places, and both decimal places must be displayed even if it is 0.

试题 10. 船与水流 (15 分):

一艘船航行在一条河上，它从点 *P* 顺流而下到点 *Q*，之后再由点 *Q* 逆流而上到点 *P*。假设船在静水中速度为 26km/hour，河水速度是 4km/hour，及船来回的时间为 *T* 小时。

试写一程式以

输入船来回的时间 *T*（以 hour 为单位），并已知 $0 < T \leq 5$。

输出点 *P* 和点 *Q* 的距离（以 km 为单位）的值。

注意：此输出值必须近似至小数点后二位数，即使为 0，小数点后二位数也必须显示。

Example (例子)

Input (输入)	Output (输出)
2.6	33.00
3	38.08
4.25	53.94