

P7. Write program to calculate a cover price for a book: ask an author for its printing cost (baht/book), shipping cost (bath/50 books), retailer share (% of the cover price), and the expected author share (baht/book).

Note: given a cover price p ,

(1) a retailer will charge % r from the cover price. That is, *retailer share (in baht/book)* = $p \cdot r/100$;

(2) cover price p = *retailer share (baht/book)* + *author share (baht/book)* + *printing cost (baht/book)* + *shipping cost (baht/book)*.

Hint: you have to work the math! E.g., $x = 3x + 8$, what is x ?

Example

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=====  
Printing cost(baht/book): 184  
Shipping cost(baht/50 books): 530  
Retailer % (%cover price): 25  
Author share (baht/book): 100  
Cover price should be 392.80  
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Use P7_template.py. (The template is only to allow smooth autograding.)