

# Estimation or not?

This task is about identifying whether students are estimating or not.

Five students were asked to estimate the sum of these three numbers:

$$329 + 462 + 836$$

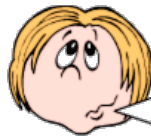
Some of them were estimating and some were not. For each person:

- select either **is** or **is not** estimating and
- explain why they are / are not estimating

I got out my calculator and found the right answer.



a) Josef *is* / *is not* estimating because



329  
462  
+ 836  
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1627 that's my answer

b) Gina *is* / *is not* estimating because

I said that  $300+500+800=1600$  and that's my answer.



c) Aroha *is* / *is not* estimating because



I did the sum and found it was 1627, so 1600 is my answer.

d) Sam *is* / *is not* estimating because



$3 + 4 + 8 = 15$   
so 1500 is my answer.

e) Peter *is* / *is not* estimating because