

Multi Mark 4

2.

(a) *You will be assessed on the quality of your written communication in this part of the question.*

Jasmine makes necklaces.
Each necklace is made using 34 red beads, 10 yellow beads and 6 black beads.

Jasmine has 918 red beads.
She does not have any yellow or black beads.
Jasmine plans to use all her red beads to make necklaces.

How many yellow and black beads does Jasmine need to buy?
You must show all your working.

[6]

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(b) Jasmine also makes bracelets.
Each bracelet is made using 24 purple beads and 9 green beads.
Jasmine buys her beads in bags of 6 purple beads and bags of 6 green beads.
She wants to buy the smallest number of bags of beads and **must** use all the beads she buys.
How many bags of purple beads and green beads does Jasmine need to buy? [3]

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