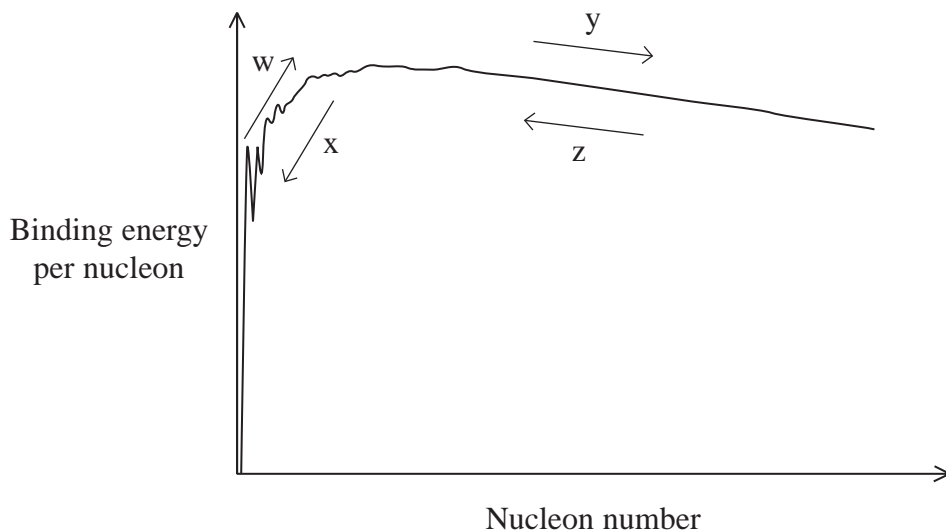


- 6 The graph shows how binding energy per nucleon varies with nucleon number for atomic nuclei. The arrows w, x, y and z represent changes in binding energy per nucleon and nucleon number.



Fission and fusion of nuclei may result in the release of energy.

Which row of the table gives the arrows representing energy release by fission and fusion?

	Fission	Fusion
<input type="checkbox"/> A	x	w
<input type="checkbox"/> B	x	y
<input type="checkbox"/> C	z	w
<input type="checkbox"/> D	z	y

(Total for Question 6 = 1 mark)