

22 Which line in the table gives approximate ratios of density and molecular spacing for a substance in its solid, liquid and gas phases?

	density		molecular spacing			
	solid	: liquid	: gas	solid	: liquid	: gas
A	1000	: 1000	: 1	1	: 1	: 10
B	1000	: 100	: 1	1	: 10	: 1000
C	1000	: 1000	: 1	1	: 1	: 1000
D	1000	: 100	: 1	1	: 10	: 100

23 The variation of the extension, x , of a spring with applied force, F , is shown