

5 Betelgeuse is a red giant star.

The surface temperature of Betelgeuse is T_B and the surface area of Betelgeuse is A_B .
The surface temperature of the Sun is T_S and the surface area of the Sun is A_S .

Which row in the table shows a correct comparison of the surface temperature and surface area of Betelgeuse with those of the Sun?

	$T_B > T_S$	$A_B > A_S$
<input type="checkbox"/> A	false	false
<input type="checkbox"/> B	false	true
<input type="checkbox"/> C	true	false
<input type="checkbox"/> D	true	true

(Total for Question 5 = 1 mark)