

3 A student applies a force to a copper wire.

Which row of the table shows the length and diameter of wire that would produce the greatest extension?

	Length of wire	Diameter of wire
<input type="checkbox"/> A	x	D
<input type="checkbox"/> B	x	$2D$
<input type="checkbox"/> C	$2x$	D
<input type="checkbox"/> D	$2x$	$2D$

(Total for Question 3 = 1 mark)