

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)