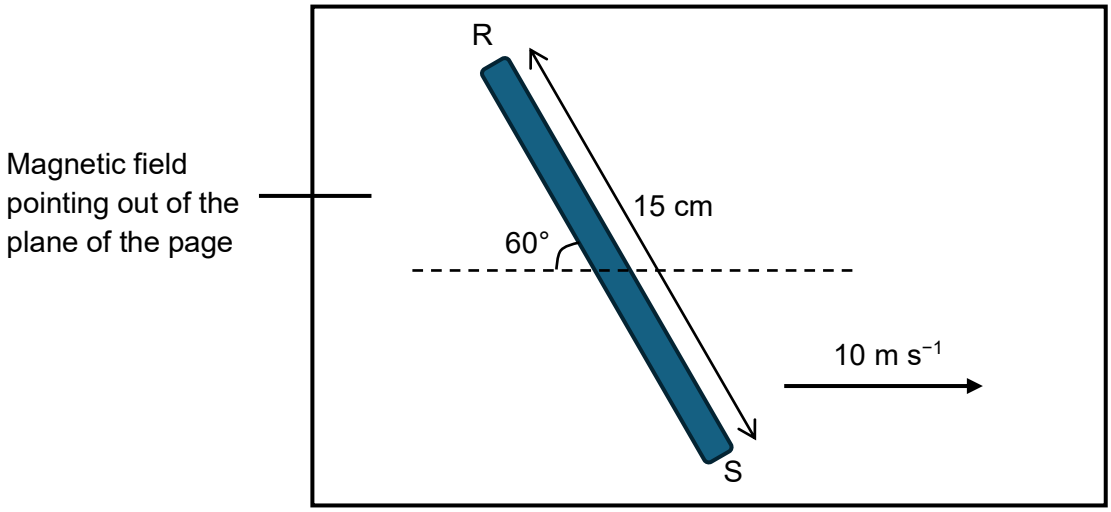
25 A straight conductor of length 15 cm is moved through a magnetic field at 10 m s^{-1}. It is oriented 60° from the horizontal as shown in the diagram. The magnetic flux density is 2.8 mT.



Which point is at a higher potential and what is the potential difference, p.d., measured across the conductor RS?

	higher potential at	p.d./mV
A	R	3.6
B	R	4.2
C	S	3.6
D	S	4.2