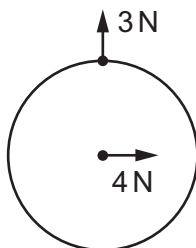


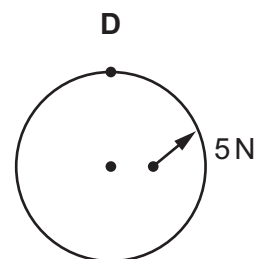
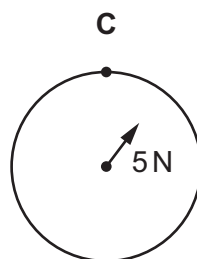
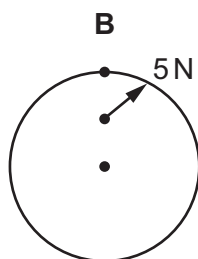
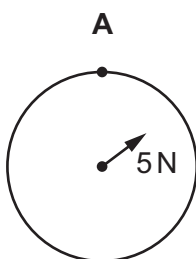
1 What is the approximate average speed of a winning female Olympic athlete running a 100m race?

- A 6 ms^{-1} B 9 ms^{-1} C 12 ms^{-1} D 15 ms^{-1}

2 Two forces act on a circular disc as shown.



Which diagram shows the line of action of the resultant force?



3 What correctly expresses the volt in terms of SI base units?

- A $\text{A}\Omega$
B WA^{-1}
C $\text{kg m}^2 \text{s}^{-1} \text{A}^{-1}$
D $\text{kg m}^2 \text{s}^{-3} \text{A}^{-1}$