**2** An athlete runs at a speed of 8 m / s for 10 s, and then at a speed of 6 m / s for 12 s.

Which calculation gives the average speed of the athlete in m / s?

**A** $\frac{8+6}{2}$

**B** $\frac{(8\times10)+(6\times12)}{22}$

**C** $\frac{(8\div10)+(6\div12)}{22}$

**D** $\frac{(10\div8)+(12\div6)}{22}$