2
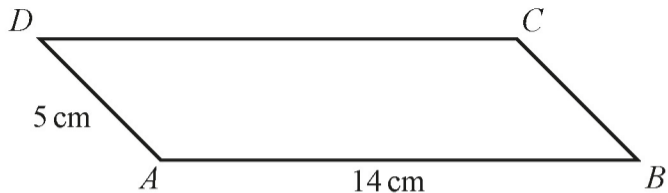

The diagram shows a parallelogram $ABCD$ where $AB = 14\,\text{cm}$, $AD = 5\,\text{cm}$ and angle DAB is obtuse. The area of $ABCD$ is $50\,\text{cm}^2$.

(a) Determine, in degrees, the size of angle DAB. Give your answer correct to **1** decimal place.

[3]

(b) Find the length, in centimetres, of the diagonal BD. Give your answer correct to **1** decimal place. **[2]**