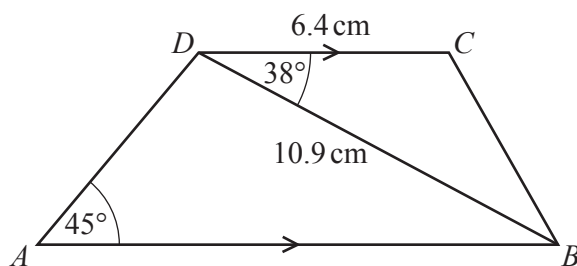


4

NOT TO
SCALE

$ABCD$ is a trapezium with DC parallel to AB .
 $DC = 6.4$ cm, $DB = 10.9$ cm, angle $CDB = 38^\circ$ and angle $DAB = 45^\circ$.

(a) Find CB .

$CB = \dots\dots\dots$ cm [3]

(b) (i) Find angle ADB .

Angle $ADB = \dots\dots\dots$ [1]

(ii) Find AB .

$AB = \dots\dots\dots$ cm [3]

(c) Calculate the area of the trapezium.

$\dots\dots\dots$ cm² [3]