



NOT TO
SCALE

- (a) Calculate angle ACD .

Angle $ACD = \dots\dots\dots$ [4]

- (b) Show that $BC = 7.05 \text{ km}$, correct to 2 decimal places.

[3]

- (c) Calculate the shortest distance from B to AC .

..... km [3]

- (d) Calculate the length of the straight line BD .

$BD =$ km [4]

- (e) C is due east of A .

Find the bearing of D from C .

..... [2]