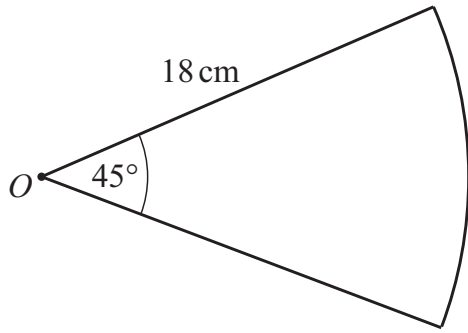


10



NOT TO  
SCALE

The diagram shows a sector of a circle, centre  $O$ .  
The length of the arc is  $n\pi\text{ cm}$ .

Find the value of  $n$ .

$n = \dots\dots\dots$  [2]

11 (a) Write  $0.007\ 08$  in standard form.

$\dots\dots\dots$  [1]

(b) Work out  $(3.8 \times 10^{22}) + (3.8 \times 10^{23})$ .

Give your answer in standard form.

$\dots\dots\dots$  [2]