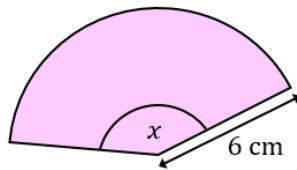
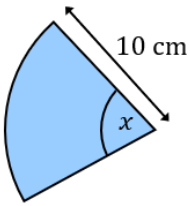


### Sector Problems in Reverse

Find the missing angle, giving your answer correct to 1 decimal place.

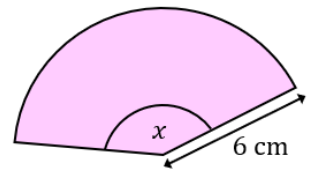
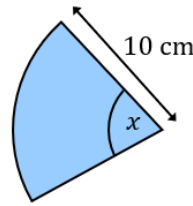
- (a) Area =  $70 \text{ cm}^2$       (b) Area =  $40 \text{ cm}^2$



### Sector Problems in Reverse

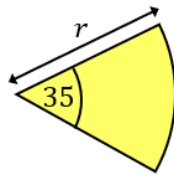
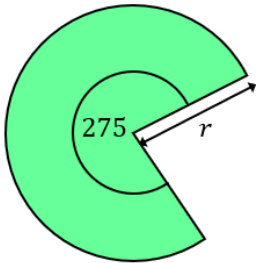
Find the missing angle, giving your answer correct to 1 decimal place.

- (a) Area =  $70 \text{ cm}^2$       (b) Area =  $40 \text{ cm}^2$



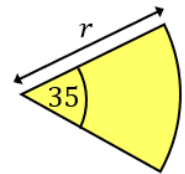
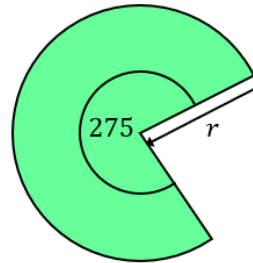
Find the missing radius, giving your answers correct to 1 decimal place.

- (a) Area =  $135 \text{ cm}^2$       (b) Area =  $44 \text{ cm}^2$



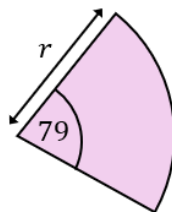
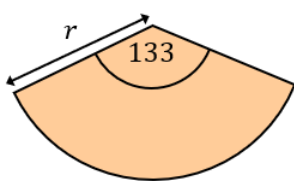
Find the missing radius, giving your answers correct to 1 decimal place.

- (a) Area =  $135 \text{ cm}^2$       (b) Area =  $44 \text{ cm}^2$



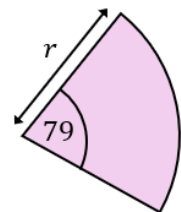
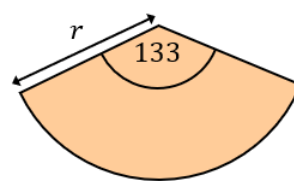
Find the missing radius, giving your answers correct to 1 decimal place.

- (a) Arc = 30 cm      (b) Arc = 15 mm



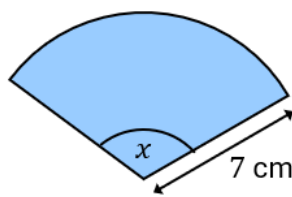
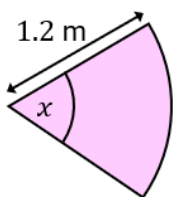
Find the missing radius, giving your answers correct to 1 decimal place.

- (a) Arc = 30 cm      (b) Arc = 15 mm



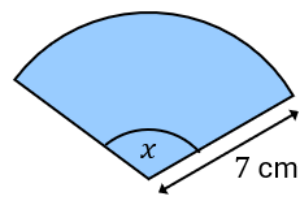
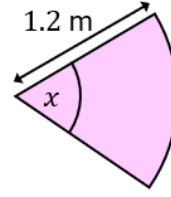
Find the missing angle, giving your answer correct to 1 decimal place.

- (a) Arc = 1.4 m      (b) Perimeter = 29 cm



Find the missing angle, giving your answer correct to 1 decimal place.

- (a) Arc = 1.4 m      (b) Perimeter = 29 cm



A sector with an angle of  $40^\circ$  and radius of 11 cm has an area which twice that of a sector with angle  $65^\circ$  and radius  $r$ . Find  $r$  to 1 decimal place.

A sector with an angle of  $40^\circ$  and radius of 11 cm has an area which twice that of a sector with angle  $65^\circ$  and radius  $r$ . Find  $r$  to 1 decimal place.