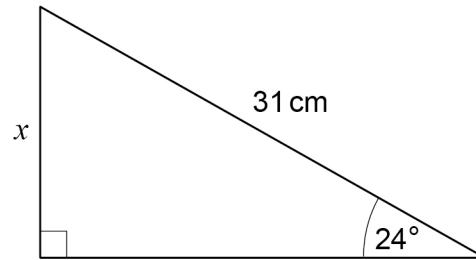**1**

31 cm

x

24°

Not drawn
accurately

Use trigonometry to work out the value of x.

[3 marks]

$$\sin 24° = \frac{x}{31}$$
✓ ①

$$x = 31 \sin 24° \quad ✓ ①$$

$$= 12·6 \text{ cm}$$
✓ ①

$x =$ _____ 12·6 _____ cm