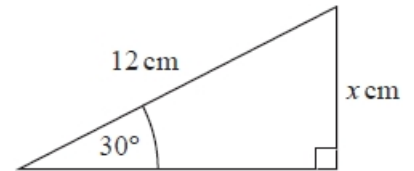


TAKE 3 ... EXACT TRIG VALUES

Q1. (a) Write down the exact value of $\cos 30^\circ$

(1)

(b) Given that $\sin 30^\circ = 0.5$, work out the value of x .

**(2)**

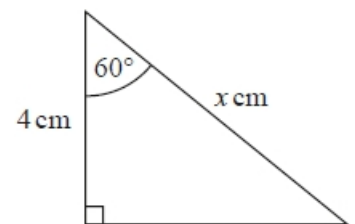
Q2. (a) Write down the exact value of $\tan 45^\circ$

(1)

Here is a right-angled triangle.

$$\cos 60^\circ = 0.5$$

(b) Work out the value of x .

**(2)**

Q3. Find the exact value of $\tan 30^\circ \times \sin 60^\circ$ Give your answer in its simplest form.

(2)