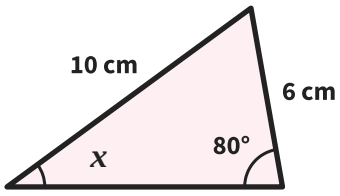
Sine rule: finding an angle *lesson handout*

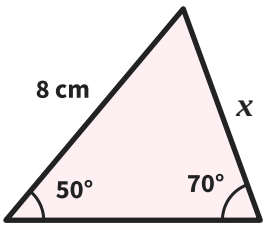
Turn and talk

Estimate angle x.



Step check

Find x to 1 decimal place.



We do

Find angle x to 1 decimal place.

$$\sin x = 0.85$$

You do

Find angle x to 1 decimal place.

$$\sin x = 0.28$$

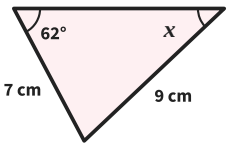
You do

Find angle x to 1 decimal place.

$$\sin x = \frac{3}{5}$$

We do

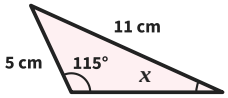
Find angle x to 1 decimal place.



$$\frac{\sin x}{\square} = \frac{\sin \square^\circ}{\square}$$

You do

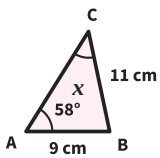
Find angle x to 1 decimal place.



$$\frac{\sin x}{\square} = \frac{\sin \square^\circ}{\square}$$

You do

In triangle ABC, AB = 9 cm, BC = 11 cm and angle A = 58°.
Find angle C, marked x, to 1 decimal place.



$$\frac{\sin x}{\square} = \frac{\sin \square^\circ}{\square}$$