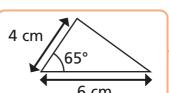
# Rose Maths

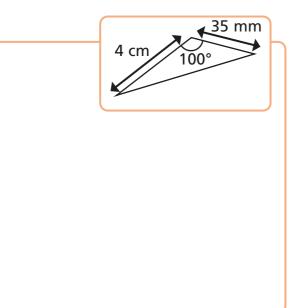


Make accurate drawings of the triangles.





b)

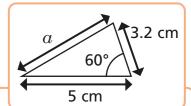


Discuss your method with a partner.

Which side did you draw first?



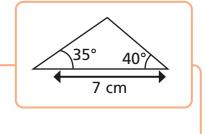
By drawing the triangle accurately, find the length of the side marked a.



cm

Make accurate drawings of the triangles.

a)



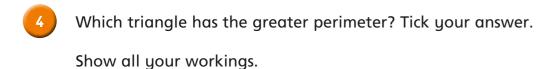
b)

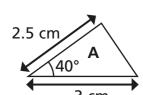


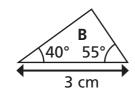
Discuss your method with a partner.



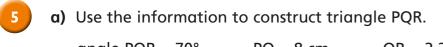












angle PQR =  $70^{\circ}$ 

PQ = 8 cm

QR = 3.2 cm

b) Measure the length of PR. Give your answer to 1 decimal place.

cm



Describe three different ways to construct an equilateral triangle with a perimeter of 180 mm.

#### Method 1

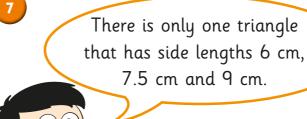
SSS - three side lengths of 60 mm (6 cm)

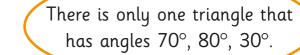
### Method 2

SAS - 6 cm side, 60° angle and 6 cm side.

## Method 3

ASA - 60° angle, 6 cm side, 60° angle





Dexter

Rosie



Are Dexter and Rosie both correct? Discuss with a partner.



