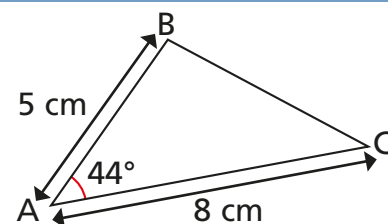
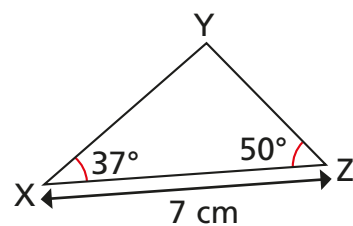


Construct triangles and special quadrilaterals

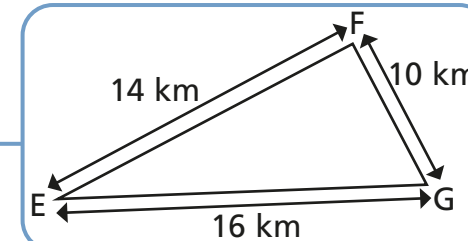
- 1 Use a ruler and protractor to make an accurate drawing of triangle ABC.



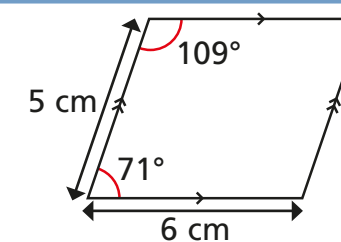
- 2 Use a ruler and protractor to make an accurate drawing of triangle XYZ.



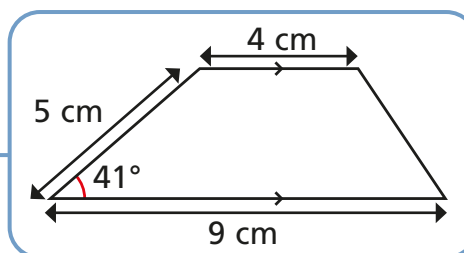
- 3 Use a scale of 1 cm = 2 km to make an accurate drawing of triangle EFG.



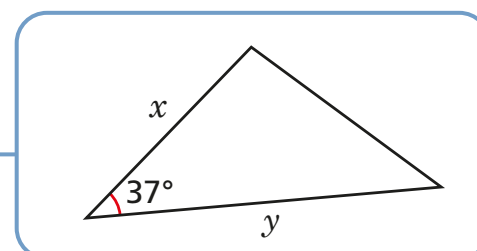
- 4 Use a ruler and protractor to make an accurate drawing of the parallelogram.



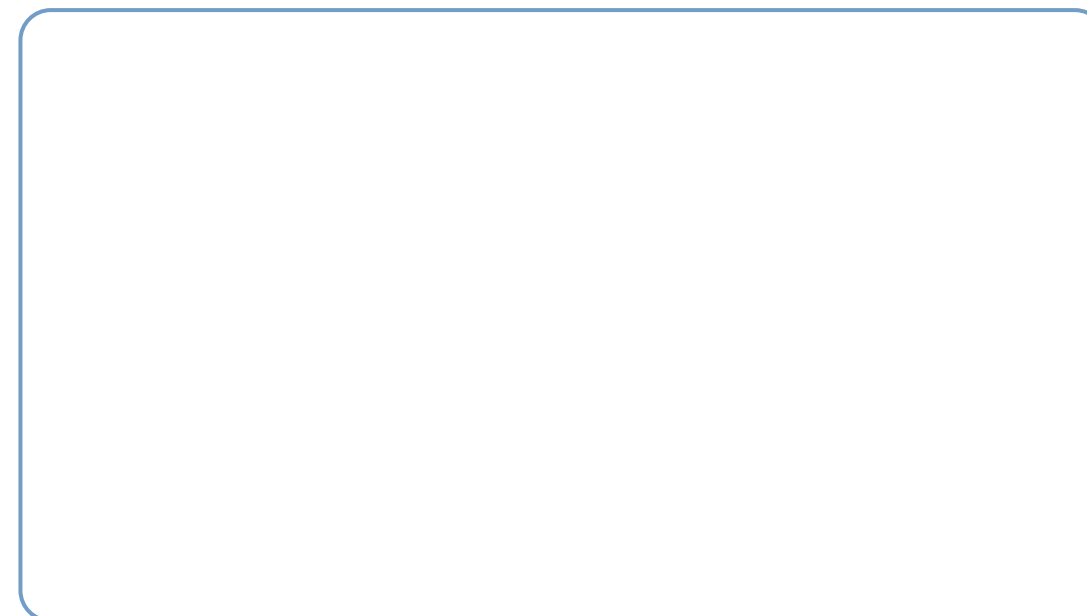
- 5 Use a ruler and protractor to make an accurate drawing of the trapezium.



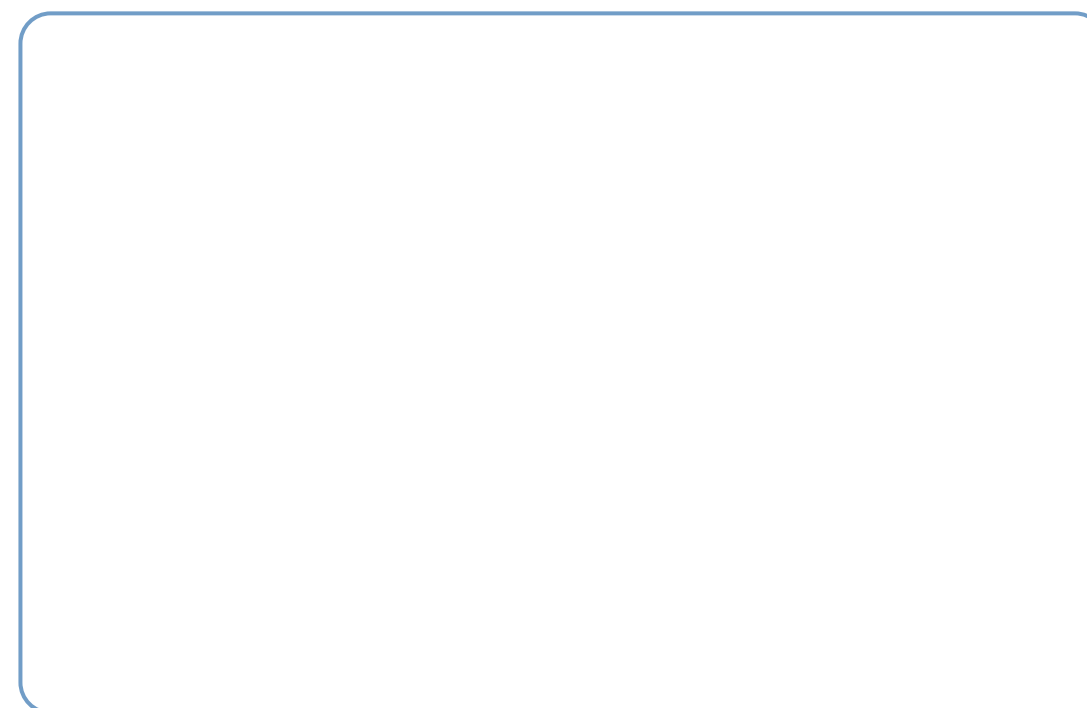
- 6 Use a ruler and protractor to accurately construct the triangle.
 $x = 5$ cm and the ratio of $x:y$ is 2:3



- 7 a) Construct an equilateral triangle with a side length of 4 cm.



- b) Construct an equilateral triangle with a side length of 6 cm.



What is the same about the methods for parts a) and b)?
What is different?

- 8 An isosceles triangle has the measurements 10 cm and 4 cm.
Huan says, "I'm going to draw my triangle with a side length of 10 cm and two sides with a length of 4 cm."
Explain why Huan's triangle will not work.

