

Workout

Question 1: Draw a 8cm line and construct its perpendicular bisector

Question 2: Draw a 6cm line and construct its perpendicular bisector

Question 3: Draw the following angles and construct their angle bisectors.

- (a) 60° (b) 40° (c) 90° (d) 110°
(e) 150° (f) 54° (g) 220°

Apply

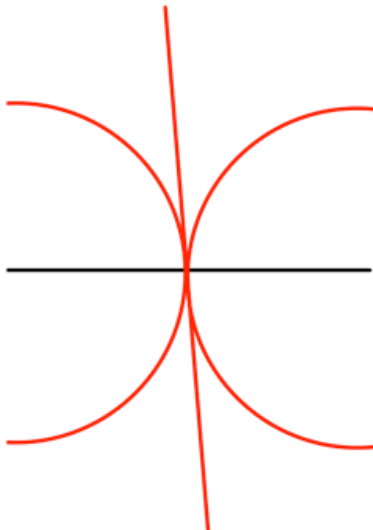
Question 1: (i) Draw a triangle.
(ii) Construct the perpendicular bisector for each side of the triangle.
(iii) Using where the perpendicular bisectors meet as the centre, draw the circle that passes through each vertex of the triangle.

Question 2: Create a storyboard to show how to construct the perpendicular bisector of a line.
Clearly annotate each stage.

Question 3: Create a storyboard to show how to construct the angle bisector of a given angle.
Clearly annotate each stage.

Question 4: Can you spot any mistakes in the questions below?

Construct the perpendicular bisector



Construct the angle bisector

