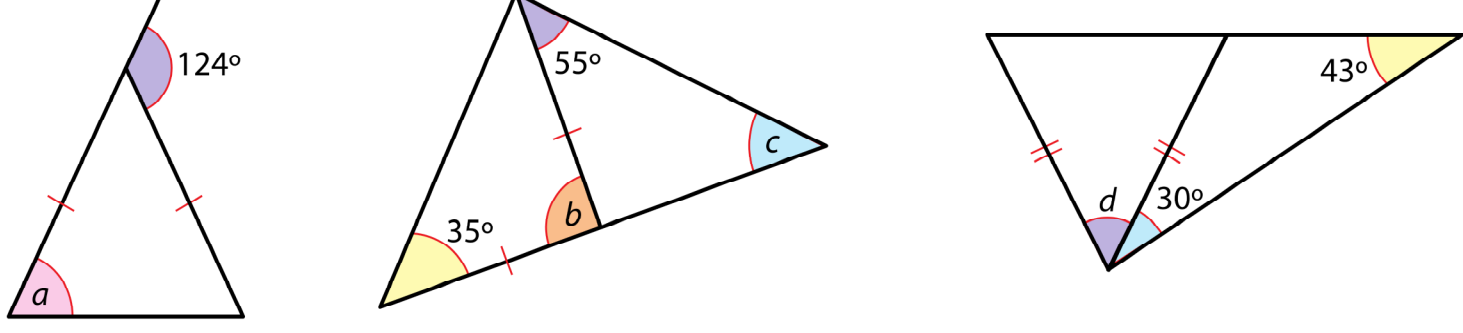


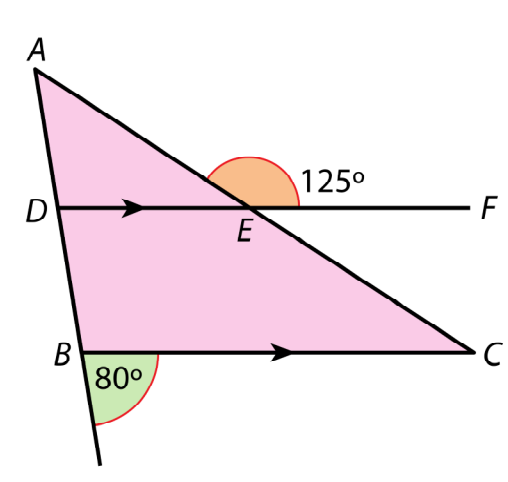
Exercise 11.1

5. Find the values of a , b , c and d in the following triangles:



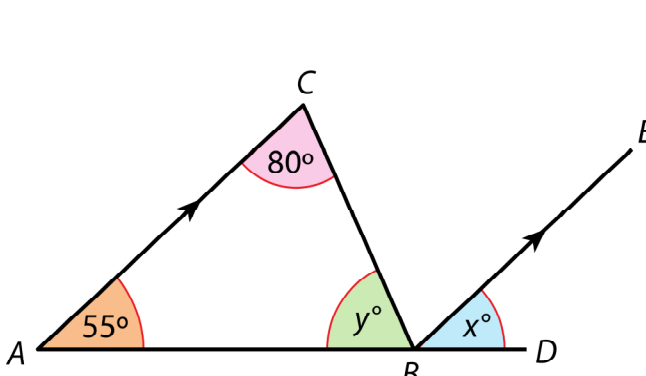
Exercise 11.1

6. In the given diagram, $BC \parallel DE$. Find $\angle DAE$.



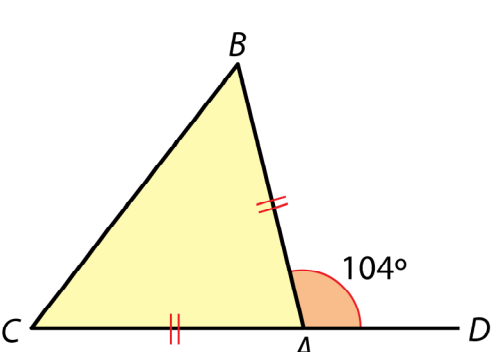
Exercise 11.1

7. In the given diagram, AC is parallel to BE . If $\angle BCA = 60^\circ$ and $\angle CAB = 55^\circ$, find
(i) x
(ii) y .



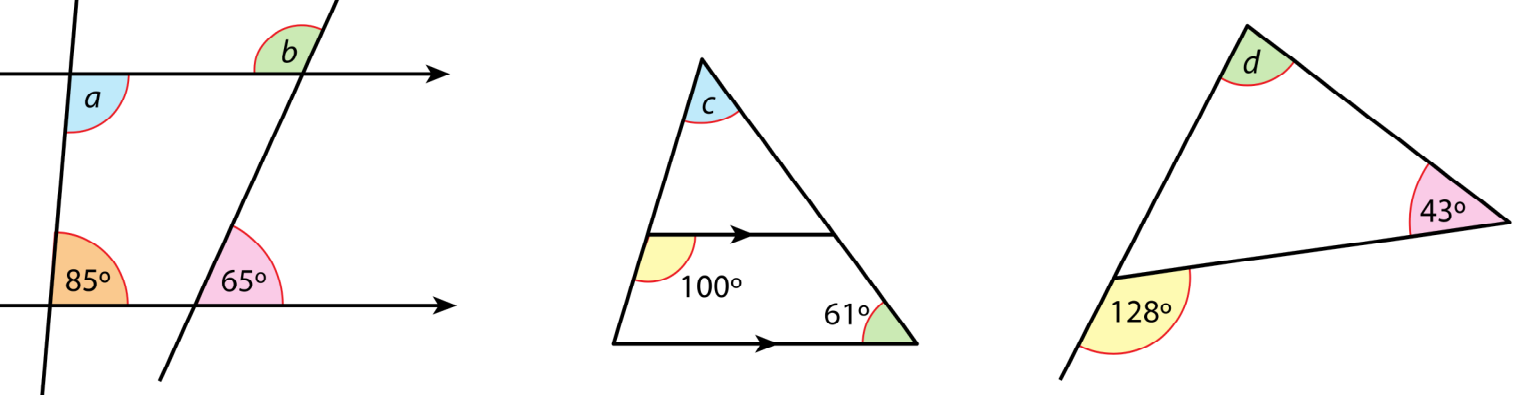
Exercise 11.1

8. In the given diagram, $|AB| = |AC|$ and $\angle BAD = 104^\circ$.
(i) Find $\angle CAB$.
(ii) Find $\angle ABC$.



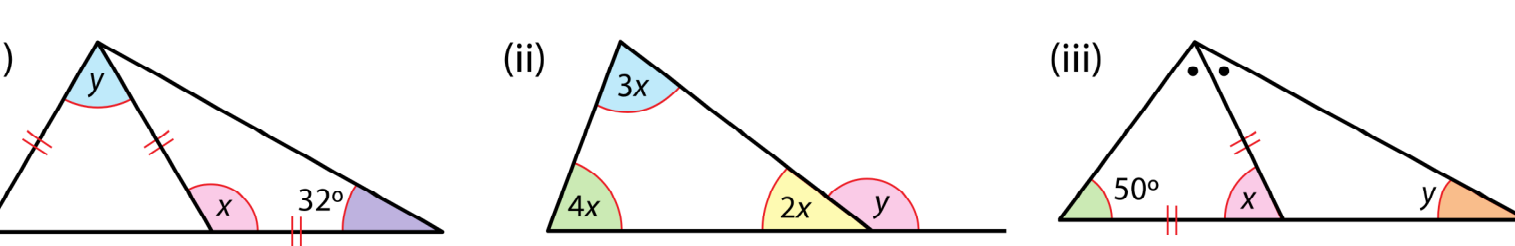
Exercise 11.1

9. Find the measure of the angle marked with a letter in each of the following diagrams, where the arrows indicate parallel lines:



Exercise 11.1

10. Find the values of x and y in the following triangles:



Exercise 11.1

11. Use the Theorem of Pythagoras to find the length of the side marked with a letter in each of these triangles:

