1. Find each unknown angle. Give reasons for your calculations.

2. Find each unknown angle. Give reasons for your calculations.

3. Find each unknown angle. Give reasons for your calculations.

4. Find each unknown angle. Give reasons for your calculations.

5. Find each unknown angle. Give reasons for your calculations.

6. Find each unknown angle. Give reasons for your calculations.

7. Find each unknown angle. Give reasons for your calculations.

8. Find each unknown angle. Give reasons for your calculations.

9. Find the values of $x$ and $y$. Show all your work.

10. Find the values of x and y . Show all your work.

11. Find the values of x and y . Show all your work.

12. Find the values of x and y . Show all your work.

