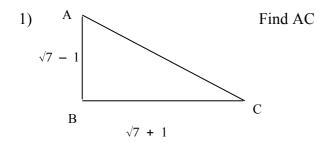
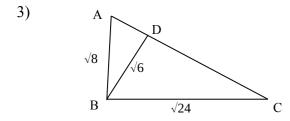
## **Problems involving surds**

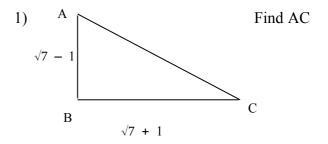


2) Prove that  $\sqrt{11+6\sqrt{2}}+\sqrt{11-6\sqrt{2}}=6$  [Hint: square this expression]

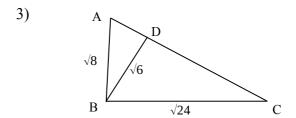


ADB is a right angle. Prove that ABC is a right angle

## **Problems involving surds**



2) Prove that  $\sqrt{11+6\sqrt{2}}+\sqrt{11-6\sqrt{2}}=6$  [Hint: square this expression]



ADB is a right angle. Prove that ABC is a right angle