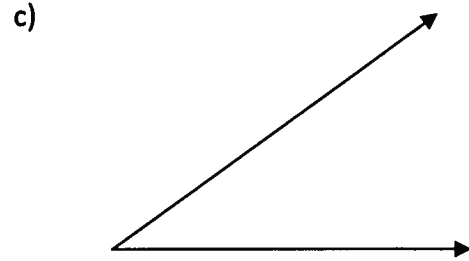
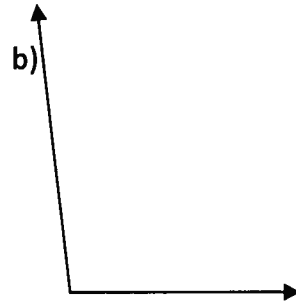
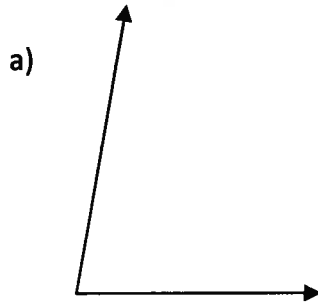
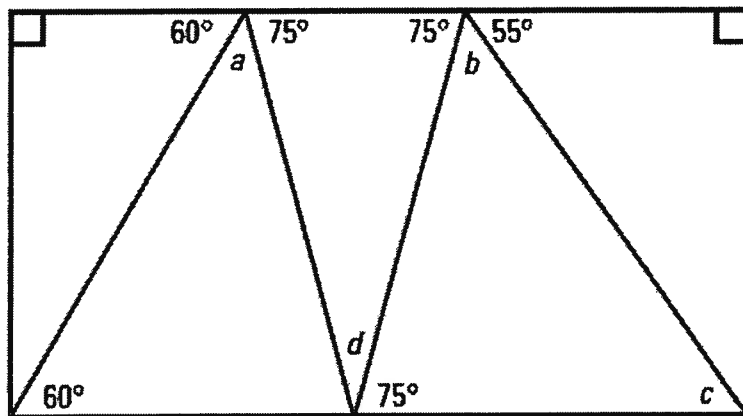


1. If a right angle is bisected, what would be the size of each angle? _____
2. Bisect and measure each of the following angles.



3. A crooked table leg makes an angle of 87.6° with the top of the table. How much must you move the leg so that it is perpendicular to the table?

4. Find the angles a , b , c and d .



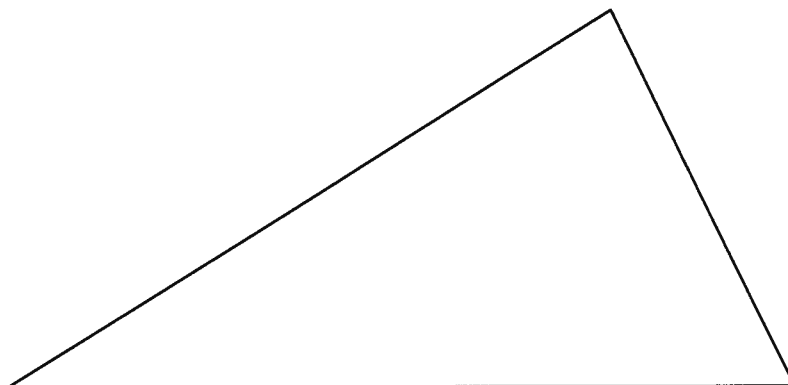
$\angle a =$ _____

$\angle b =$ _____

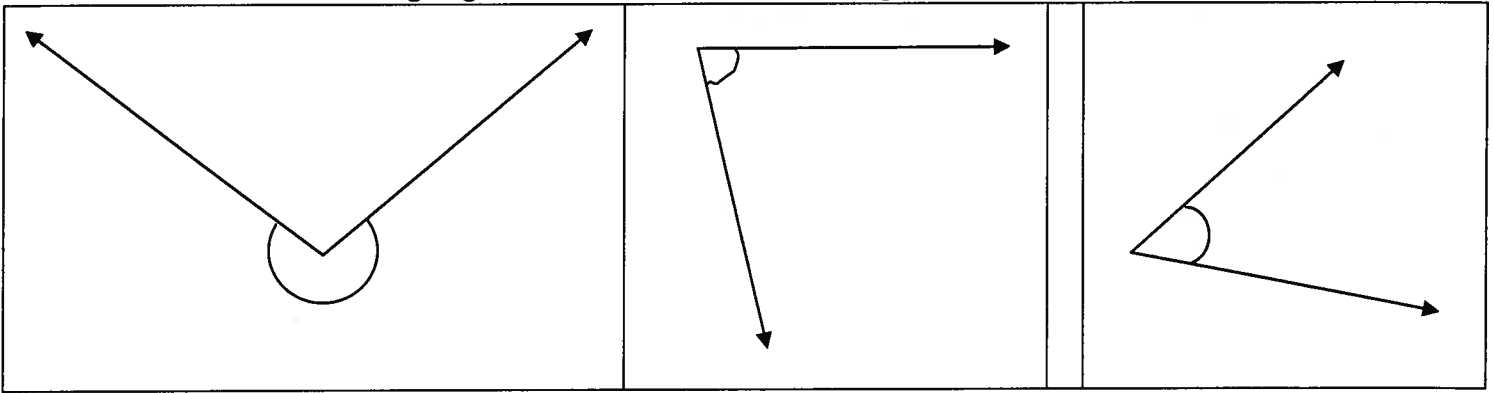
$\angle c =$ _____

$\angle d =$ _____

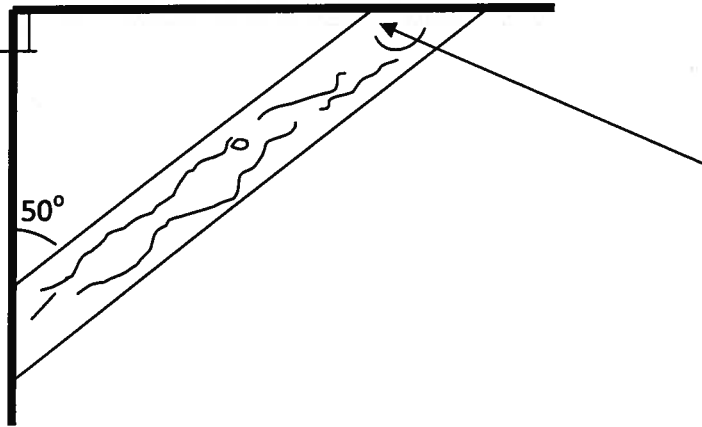
5. For the following shape please find each angle with your protractor and then draw the angle bisector of each. What do you notice about where the angle bisector lines meet?



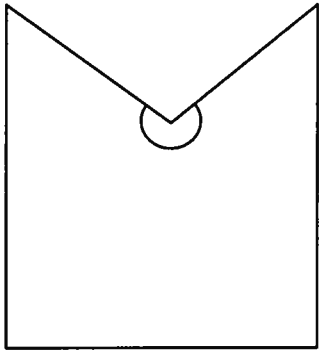
6. For each of the following angles determine and draw the angle bisector of each angle.



7. A carpenter needs to cut a 2 – by – 4 piece of wood that will fit a corner as shown in the diagram below. If one end of the wood forms a 50° angle with one wall, at what angle must the other end be cut to lay flat against the other wall?



8. You want to divide the following reflex angle into 8 different equal angles. How could you do it? What would be the measure of each of the 8 angles?



9. The angle bisector of a particular angle is 68° . What is the size of the original angle? What type of angle is this? Please draw a picture.