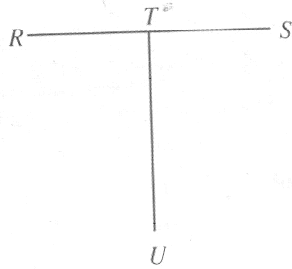
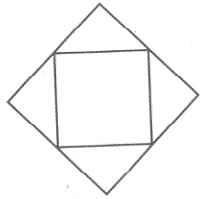


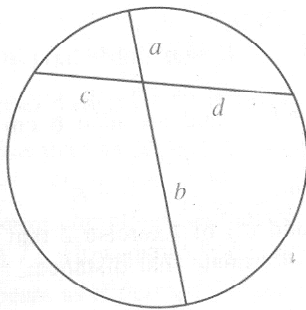
5. Which is greater, the distance from R to S or the distance from T to U ?



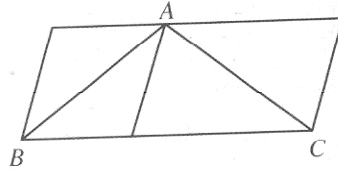
7. How does the area of the outer square compare with the area of the inner square?



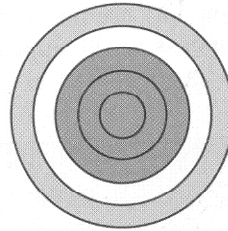
9. In the diagram a , b , c , and d are lengths. Which is greater, the product ab or the product cd ?



6. Which is greater, the distance from A to B or the distance from A to C ?



8. Compare the areas of the red and blue regions. (Area of circle = πr^2 .)



10. A path between opposite vertices of the square is made up of hundreds of horizontal and vertical segments. (The diagram shows a simplified version.) What is the best approximation to the length of the path—24, 34, 44, or more than 44?

