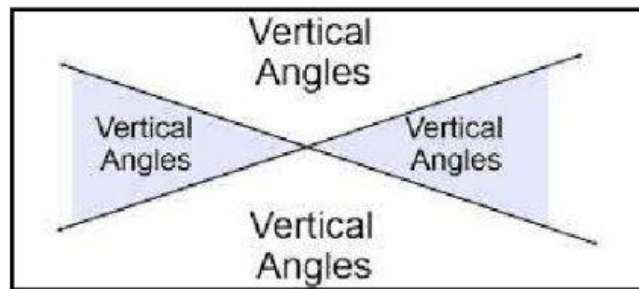


Name _____

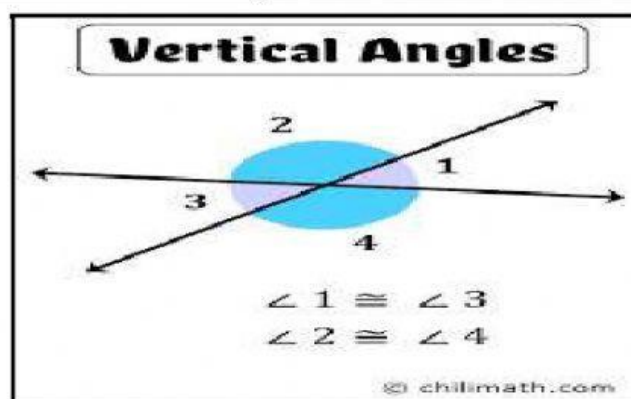
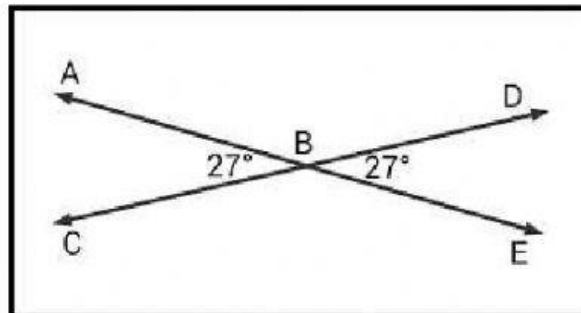
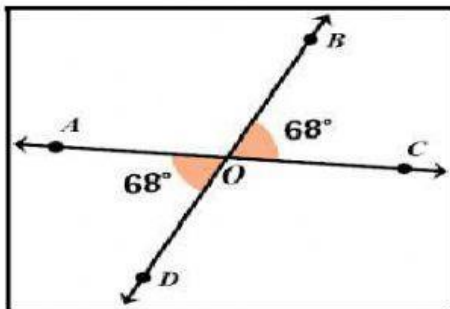
Date _____

Vertical Angles

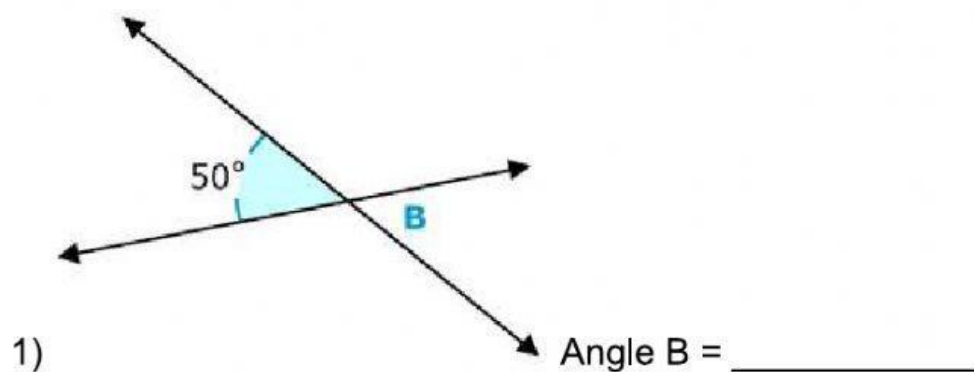
When two lines intersect, four **vertical angles** are created. **Vertical angles** are pairs of opposite, congruent angles formed when two lines intersect.



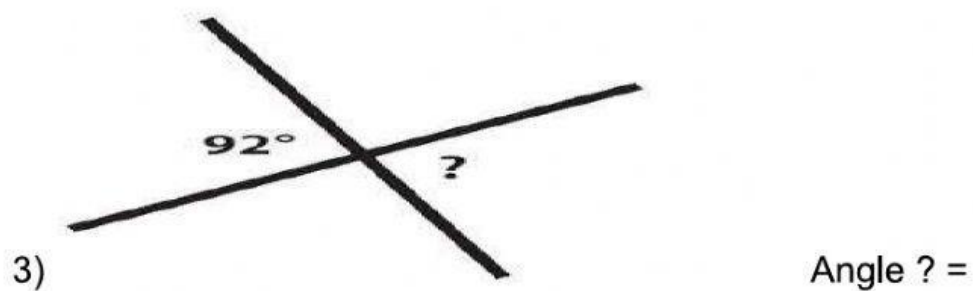
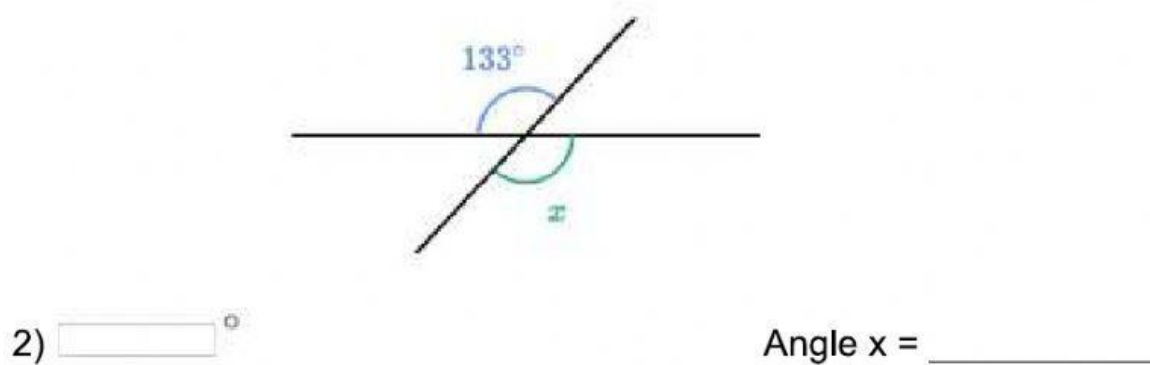
When vertical angles are formed, the opposite angles are **congruent**, meaning they have the same measure.



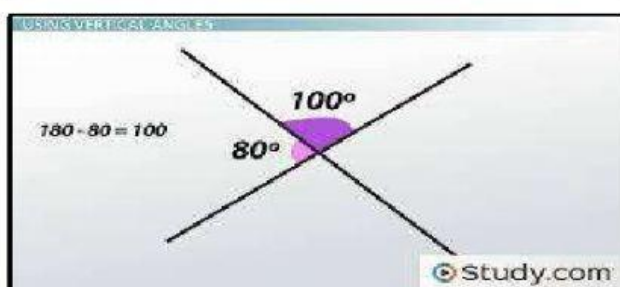
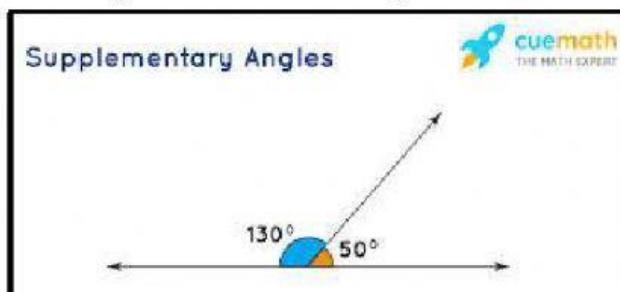
Tell the measure of the vertical angles in the diagrams below:



What is the measure of angle x ?

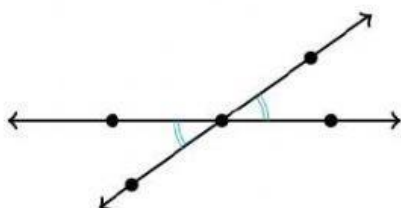


The **adjacent** angles, those next to each other, are **supplementary**, meaning they add up to 180 degrees. Supplementary angles are formed whenever two or more angles appear on a **straight angle**, which is always a straight line of 180 degrees.

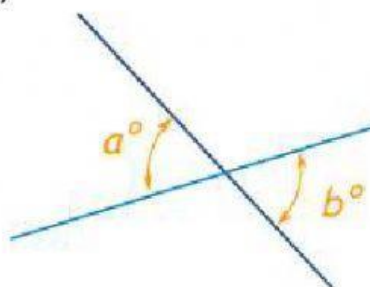


Write v if the angles are vertical and s if they are supplementary.

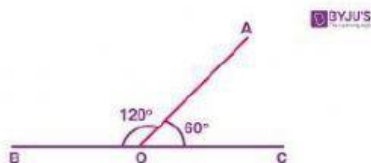
1)



2)



3)



4)

