

# Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: X

Date: .....

Name: .....

ID No.....

1. Draw the graph of the pair of equations  $2x + y = 4$  and  $2x - y = 4$ . Write the vertices of the triangle formed by these lines and the y-axis. Also find the area of this triangle.

Sol.

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2. Determine, algebraically, the vertices of the triangle formed by the lines  $3x - y = 3$ ,  $2x - 3y = 2$ ,  $x + 2y = 8$ .

Sol.

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