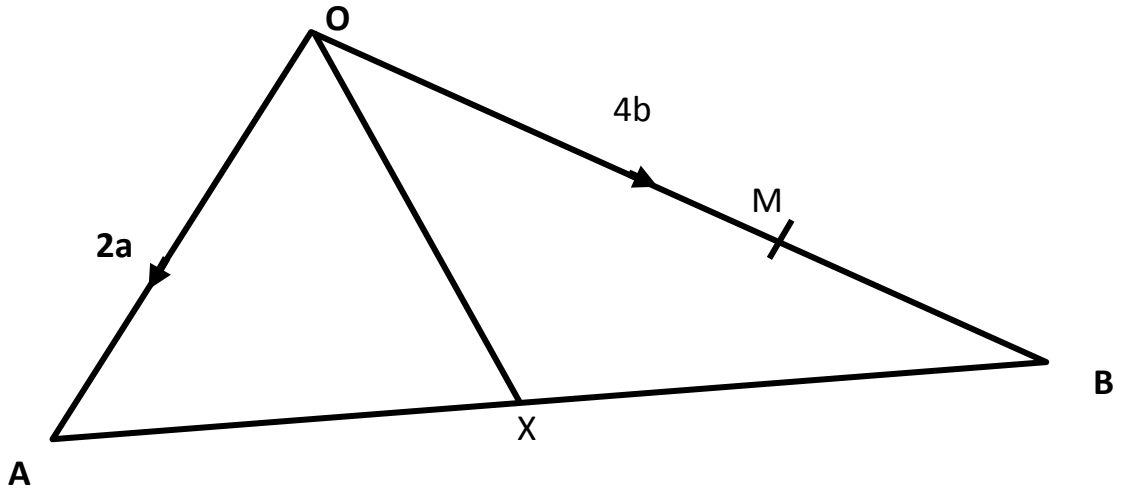


**VECTORS**

OAB is a triangle. Vector  $OA = 2a$  and vector  $OB = 4b$   
X is the midpoint of AB. The point M is such that  $OM : MB$  is  $2 : 1$



Find the following vectors

- (a)  $AB$       (b)  $AX$       (c)  $OX$       (d)  $OM$

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