

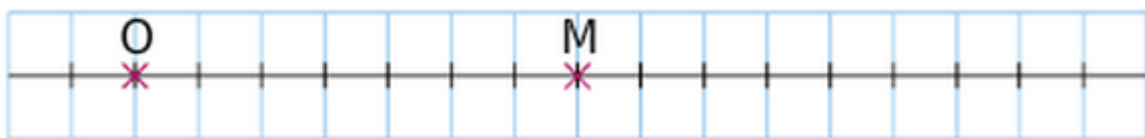


## Les homothéties

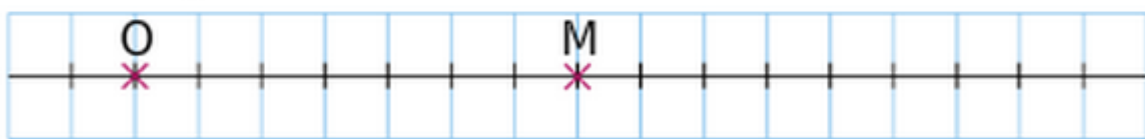
### Exercice 5 : construire le point image M'.

Dans chaque cas, construis le point  $M'$ , image de  $M$  par l'homothétie de centre  $O$  et de rapport  $k$ .

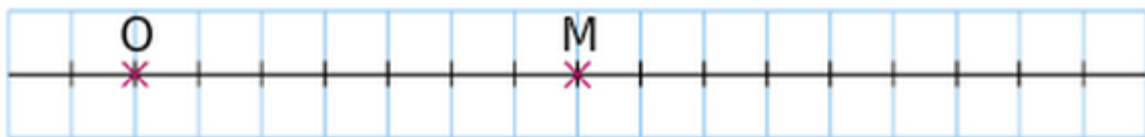
a.  $k = \frac{5}{7}$



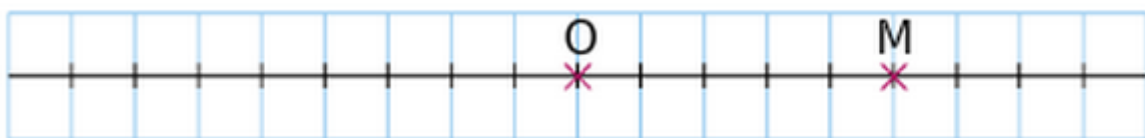
b.  $k = \frac{10}{7}$



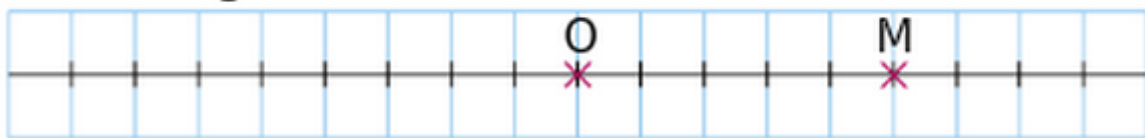
c.  $k = 2$



d.  $k = -1$



e.  $k = -\frac{3}{5}$



f.  $k = -\frac{7}{5}$

