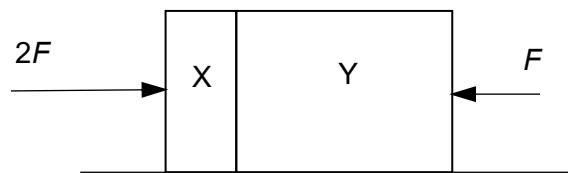
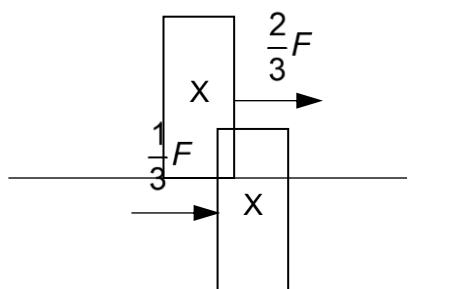


Two blocks X and Y of masses m and $2m$ respectively are accelerated along a smooth horizontal surface by forces $2F$ and F applied to blocks X and Y respectively as shown.



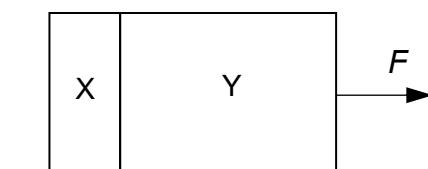
Which diagram **does not** correctly show the resultant force acting on the block(s)?

A



B

C



D

