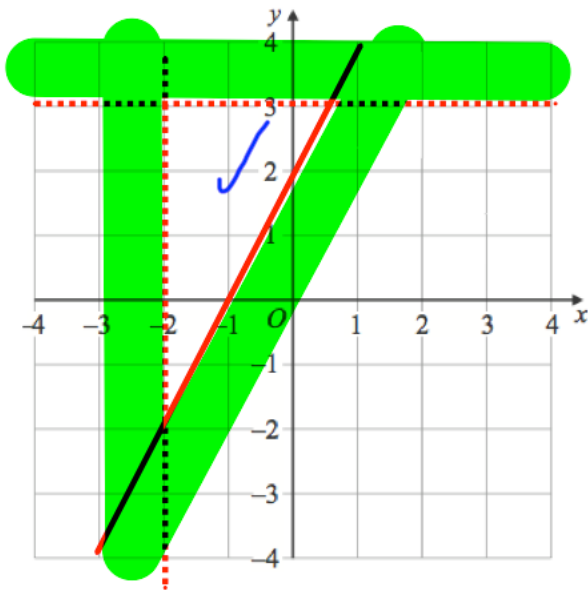


25th January



Corbettmaths



The diagram shows a region which satisfies 3 inequalities.

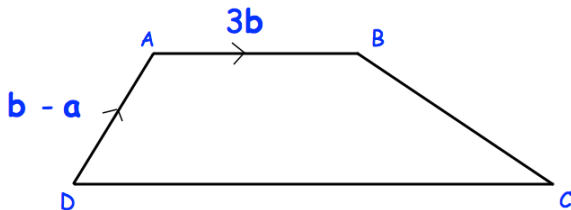
Find these inequalities.

Make  $w$  the subject of

$$a(w - 2) = 5w + k$$

Write  $0.\dot{8}\dot{1}$  as a fraction.

Give your answer in its simplest form.



AB and DC are parallel.  
 $DC = 2AB$

Write down a vector for  $\overrightarrow{DC}$