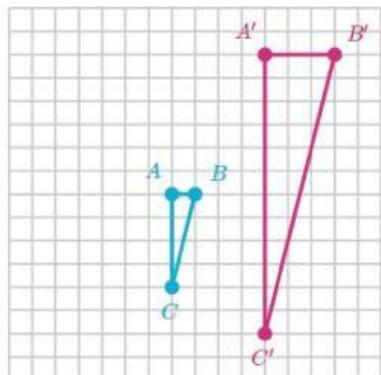


1. Triangle A'B'C' is the image of triangle ABC under a dilation



What is the scale factor of the dilatation?

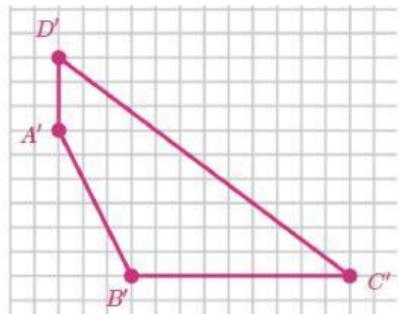
A.  $\frac{1}{3}$

B. 3

C.  $\frac{3}{5}$

D. 5

2. The quadrilateral A'B'C'D' shown below is dilatation of quadrilateral ABCD with scale factor 3.



What is the length of the segment BC?

A.  $\frac{1}{3}$

B. 3

C. 6

D. 9

3. The triangle XYZ is dilated with scale factor 2. What will happen in its area?

A. Remain same

B. Increases two times

C. Increases Four times

D. Decreases half times