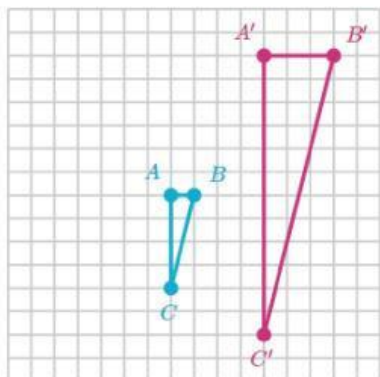


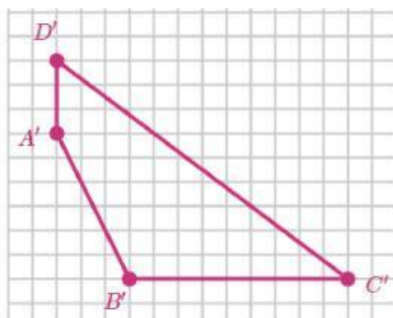
1. Triangle  $A'B'C'$  is the image of triangle  $ABC$  under a dilation



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