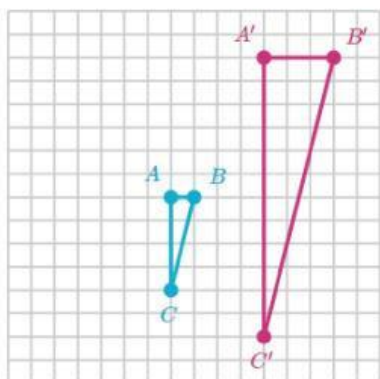


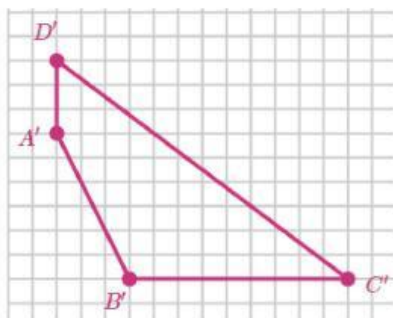
1. Triangle $A'B'C'$ is the image of triangle ABC under a dilation



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