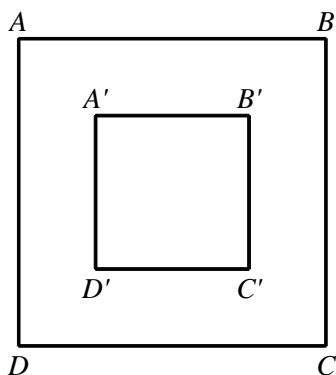


NAME: _____

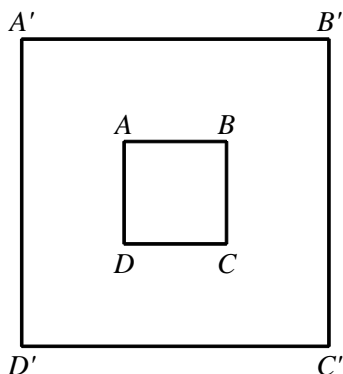
P.I. G.G.58: Define, investigate, justify, and apply similarities (dilations)

1. Find the scale factor for the dilation.



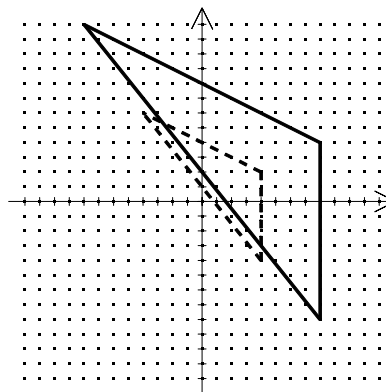
- [A] 2 [B] $-\frac{1}{2}$ [C] $\frac{1}{2}$ [D] 3

2. Find the scale factor for the dilation.



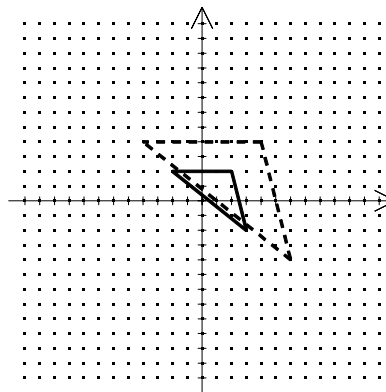
- [A] 3 [B] $\frac{1}{4}$ [C] $\frac{1}{3}$ [D] -3

3. The dotted triangle is the image of the solid triangle. What is the scale factor?



- [A] 2 [B] $\frac{1}{2}$ [C] 3 [D] 4

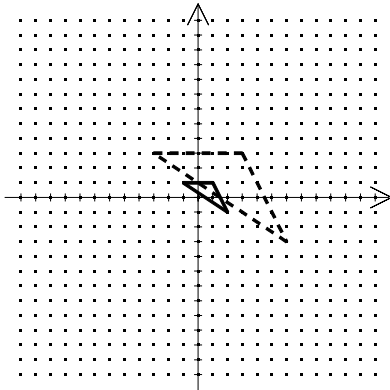
4. The dotted triangle is the image of the solid triangle. What is the scale factor?



- [A] 2 [B] 4 [C] 3 [D] $\frac{1}{3}$

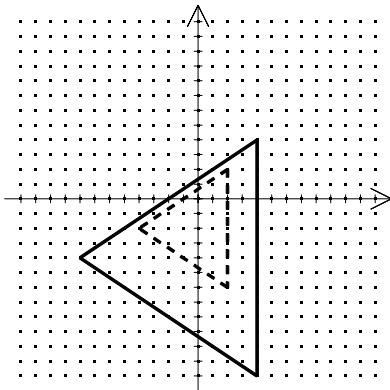
NAME: _____

5. The dotted triangle is the image of the solid triangle. What is the scale factor?



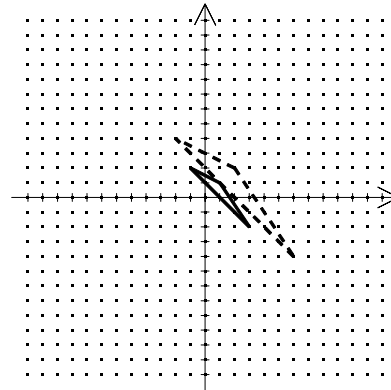
- [A] $\frac{1}{3}$ [B] $\frac{1}{2}$ [C] 4 [D] 3

6. The dotted triangle is the image of the solid triangle. What is the scale factor?



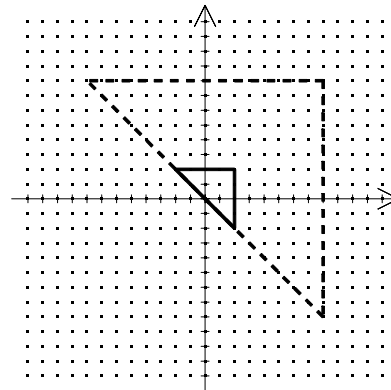
- [A] 3 [B] $\frac{1}{2}$ [C] 2 [D] 4

7. The dotted triangle is the image of the solid triangle. What is the scale factor?



- [A] 4 [B] 2 [C] $\frac{1}{3}$ [D] 3

8. The dotted triangle is the image of the solid triangle. What is the scale factor?



- [A] $\frac{1}{2}$ [B] 4 [C] 2 [D] $\frac{1}{3}$

[1] C

[2] A

[3] B

[4] A

[5] D

[6] B

[7] B

[8] B