

Types of Dilation

A) State whether a dilation with the given scale factor is an enlargement or a reduction.

1) Scale factor = $\frac{6}{7}$

2) Scale factor = $\frac{2}{9}$

3) Scale factor = 4

4) Scale factor = 5

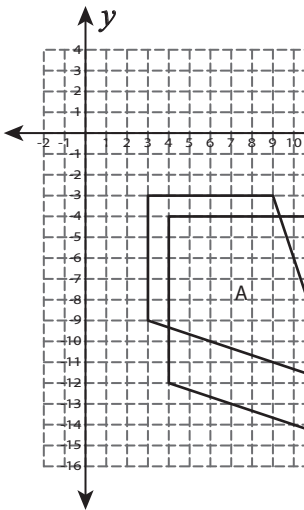
5) Scale factor = 0.7

6) Scale factor = $\frac{9}{8}$

B) Figure A is a dilated image

(of Figure B) or enlargement)

1)



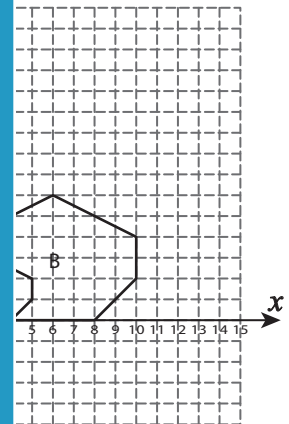
PREVIEW

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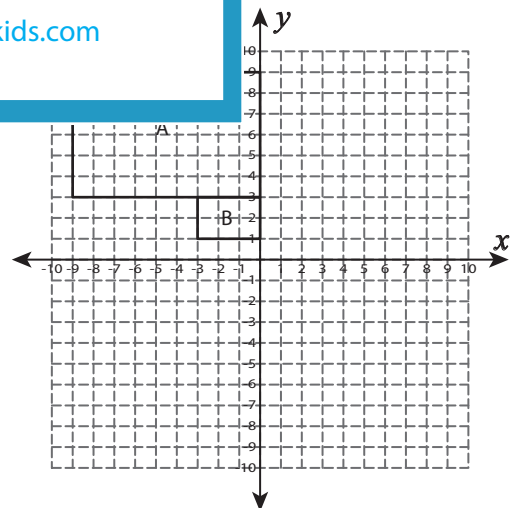
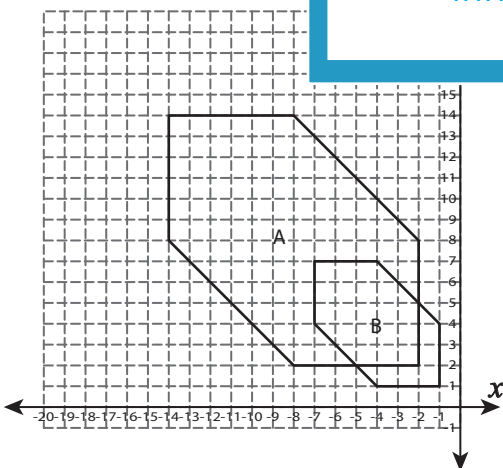
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3)



Types of Dilation

A) State whether a dilation with the given scale factor is an enlargement or a reduction.

1) Scale factor = $\frac{6}{7}$

reduction

2) Scale factor = $\frac{2}{9}$

reduction

3) Scale factor = 4

enlargement

4) Scale factor = 5

enlargement

5) Scale factor = 0.7

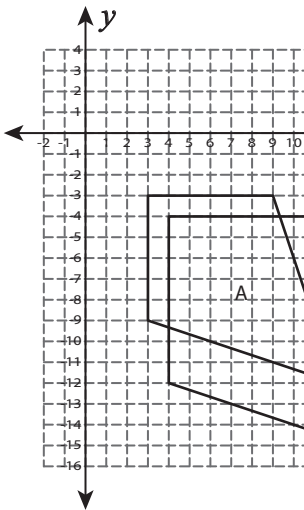
reduction

6) Scale factor = $\frac{9}{8}$

enlargement

B) Figure A is a dilated image

1)



reduction

PREVIEW

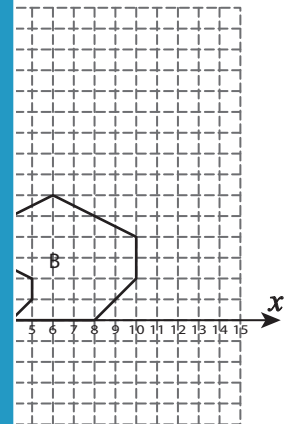
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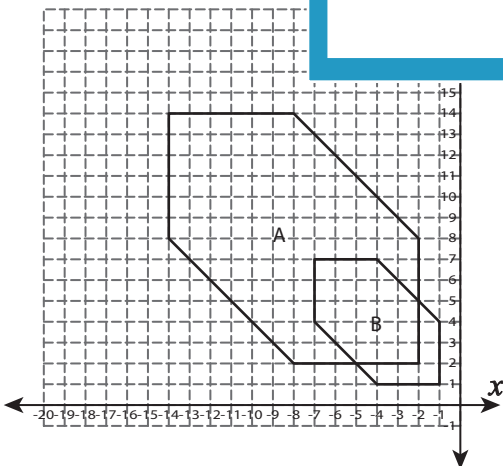
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or enlargement)

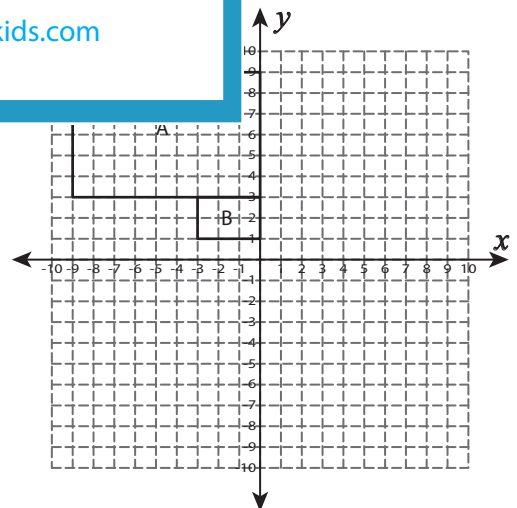


reduction

3)



enlargement



enlargement