

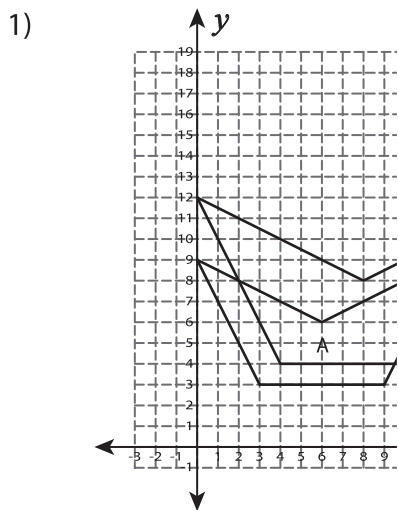
## Types of Dilation

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

- |                     |                                 |                       |
|---------------------|---------------------------------|-----------------------|
| 1) Scale factor = 9 | 2) Scale factor = $\frac{4}{3}$ | 3) Scale factor = 7.5 |
| _____               | _____                           | _____                 |

- |                                 |                     |                                 |
|---------------------------------|---------------------|---------------------------------|
| 4) Scale factor = $\frac{1}{5}$ | 5) Scale factor = 6 | 6) Scale factor = $\frac{7}{8}$ |
| _____                           | _____               | _____                           |

B) Figure A is a dilated image \_\_\_\_\_ or enlargement)



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