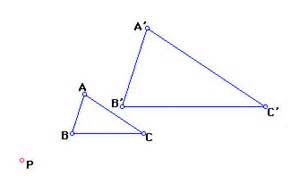
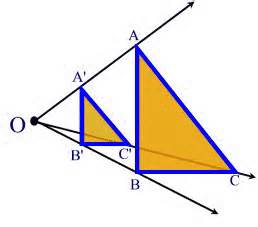
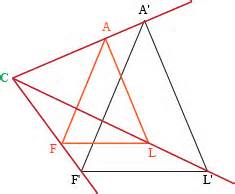
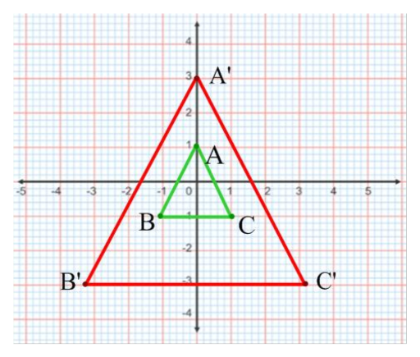
Identify the preimage, image, and dilation type of the following figures.

1. [](http://www.bing.com/images/search?q=dilation+of+triangles&view=detailv2&&id=DDF2E65529348A93A1B497C5DEE6E3952BEA5026&selectedIndex=12&ccid=qdnA7Fsr&simid=608035535800238769&thid=JN.mNFmIrV86WxIuwm6Im1D9w)[](http://www.bing.com/images/search?q=dilation+of+triangles&view=detailv2&&id=27766F08F57C7E00AC21914DD4DAA9BC2A40874B&selectedIndex=0&ccid=dq4BvqcS&simid=608011741683519402&thid=JN.VHd58nEhhCnZhhYNkvtEBw) 2.
2. [](http://www.bing.com/images/search?q=dilation+of+triangles&view=detailv2&&id=CE6E8A0714B2EF8D0E87FD7FD3F40BAEC76D1571&selectedIndex=117&ccid=3HqyimZ0&simid=608017849128191138&thid=JN.M9B1KRFJ5Gy8IQzheh9gVQ)
3. Given that triangle ABC was dilated to triangle A’B’C’ and that AB is 14, BC is 21, and A’B’ is 6 find the scale factor of the dilation
4. Given that triangle DEF was dilated to triangle D’E’F’ and that FD 11 is , DE is 15, and D’E’ is 60 find the scale factor.
5. Identify the following from the given figure.

 Image: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Preimage:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Dilation type: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Scale Factor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

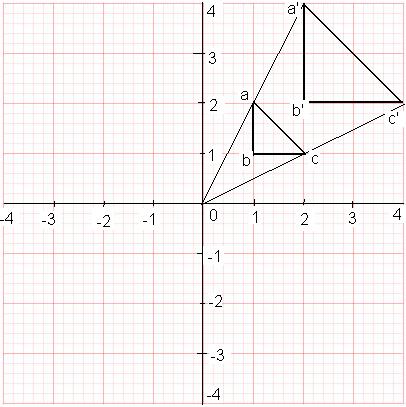
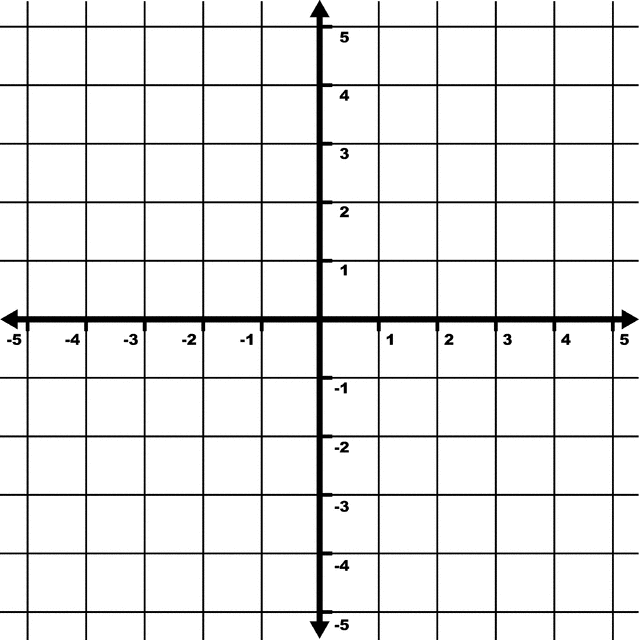
1. Identify the following from the given figure.

Image: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Preimage:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Dilation type: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Scale Factor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Graph the following dilation. Center at (2,1). Points at A(1,3) B(-1, 2) C(0, -2) Scale factor 2.
2. Graph the following. A Dilation with a Scale factor ¼, a center at (0,-2) and preimage points at A(12, 2), B(8, 6), C(12, 10), D(4,2).

