

Name: \_\_\_\_\_

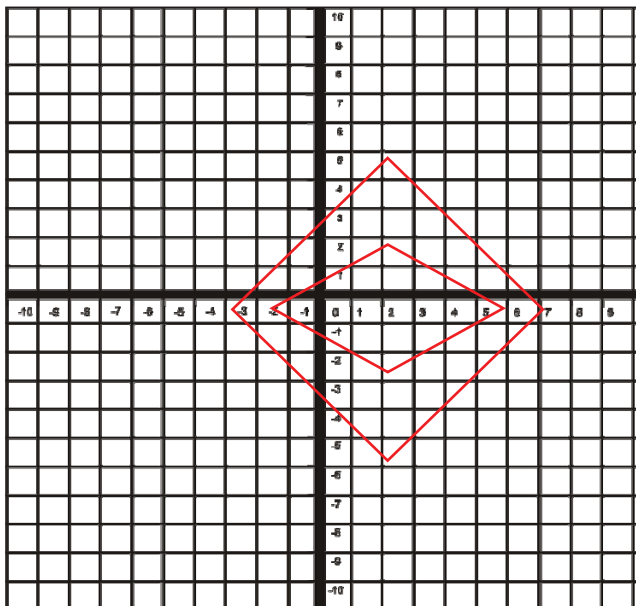
Date \_\_\_\_\_

Topic : Dilations Five Pack - Worksheet 5

1. Under a dilation of scale factor 4 with the center at the origin, if D (2, 3), what will be the coordinates of the point D'?
2. What is the scale factor of the dilation (with center at the origin) if point S (6, 4) becomes S' (18, 12)?
3. Under a dilation of scale factor 3 with the center at the origin, if Q (4, 5), what will be the coordinates of the point Q'?
4. What is the scale factor of the dilation (with center at the origin) if point K (3, 4) becomes K' (9, 12)?
5. Under a dilation of scale factor 5 with the center at the origin, if F (3,4), what will be the coordinates of the point F'?
6. What is the scale factor of the dilation (with center at the origin) if point W (5, 2) becomes W' (15, 6)?
7. Under a dilation of scale factor 6 with the center at the origin, if C (3, 4), what will be the coordinates of the point C'?
8. What is the scale factor of the dilation (with center at the origin) if point H (2, 3) becomes H' (10, 15)?

Identify the graph shows Dilations is true or false.

9.



10.

