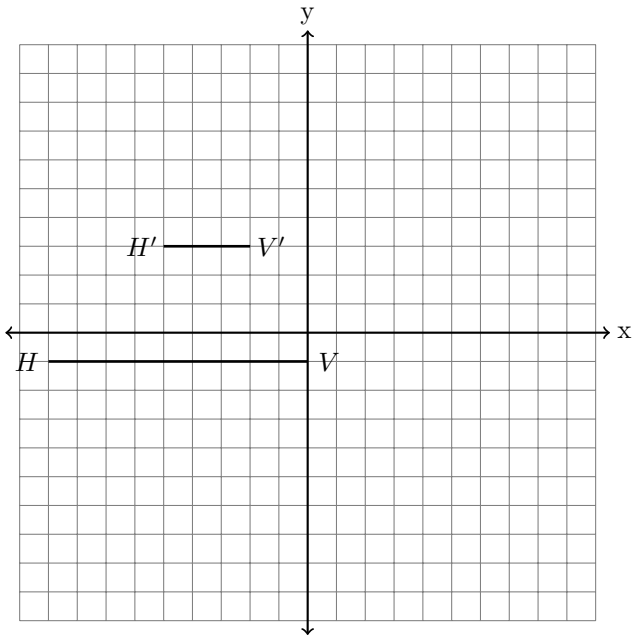
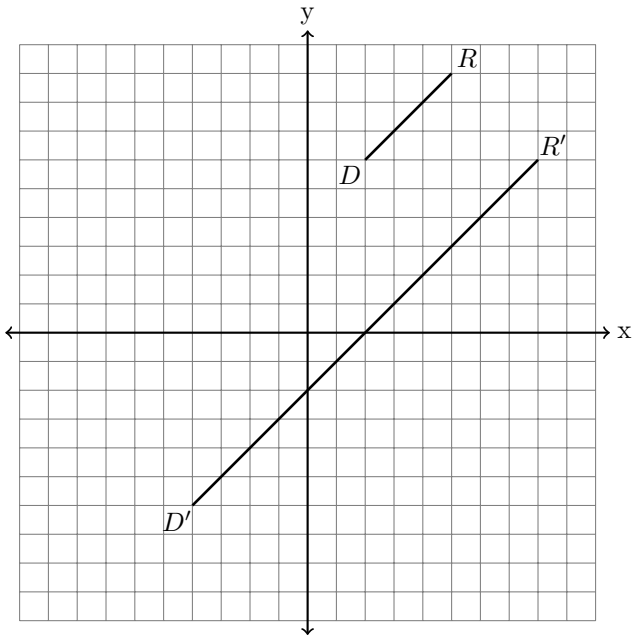
Name:_____CLASS WORK

6.3 - Identify Dilations - CW #:_____

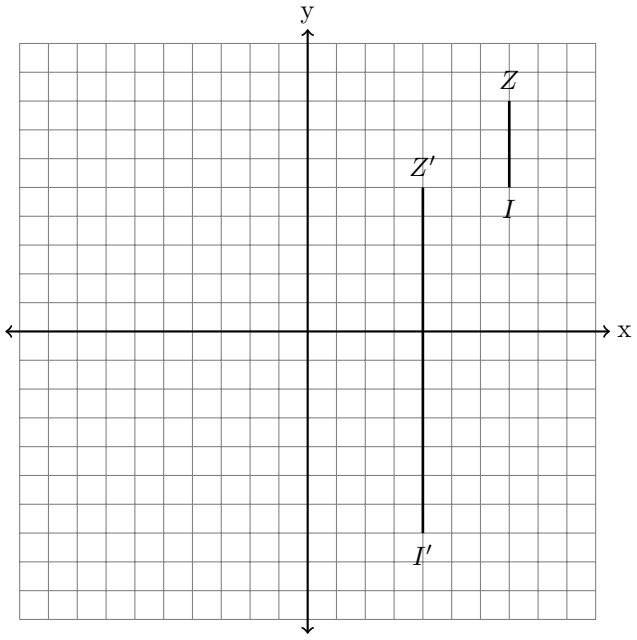
1. Given the graph below, describe the transformation that maps $\overline{VH}$ onto $\overline{V'H'}$.



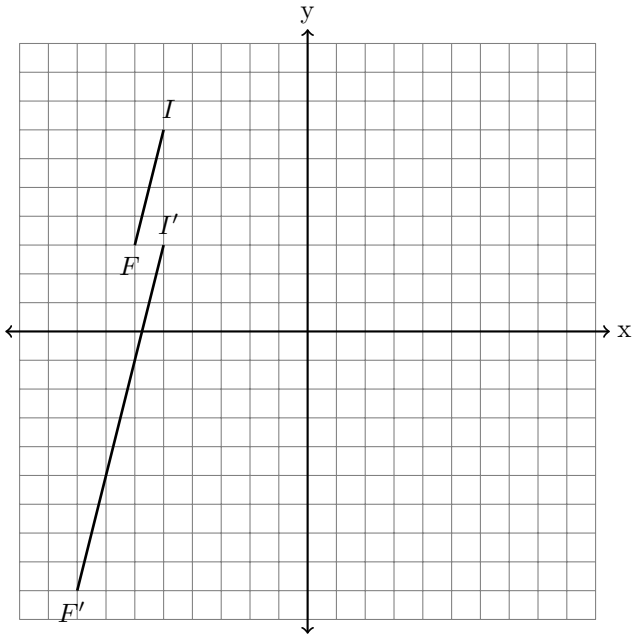
2. Given the graph below, describe the transformation that maps $\overline{RD}$ onto $\overline{R'D'}$.



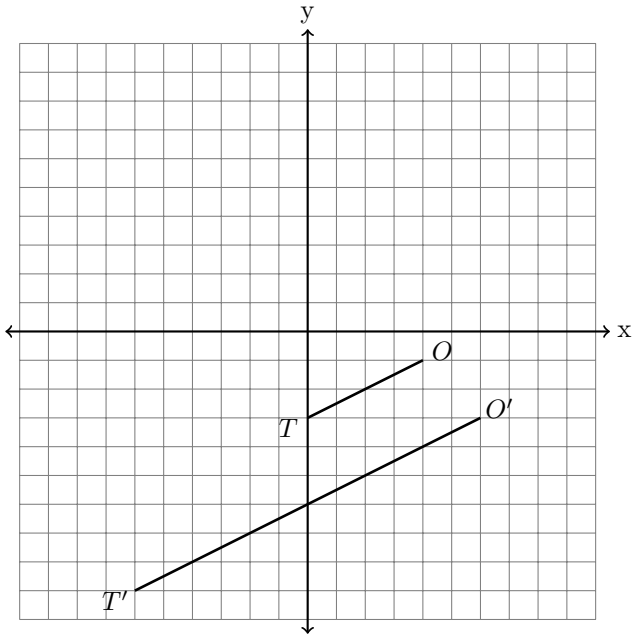
3. Given the graph below, describe the transformation that maps $\overline{ZI}$ onto $\overline{Z'I'}$.



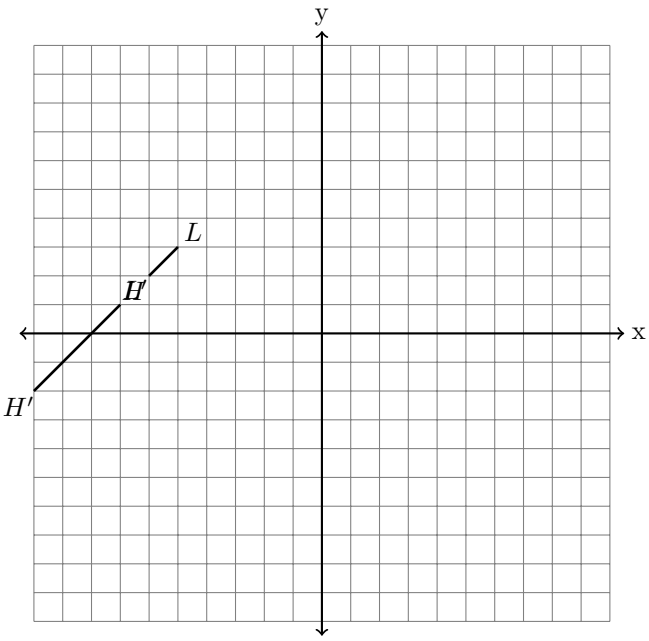
4. Given the graph below, describe the transformation that maps $\overline{IF}$ onto $\overline{I'F'}$.



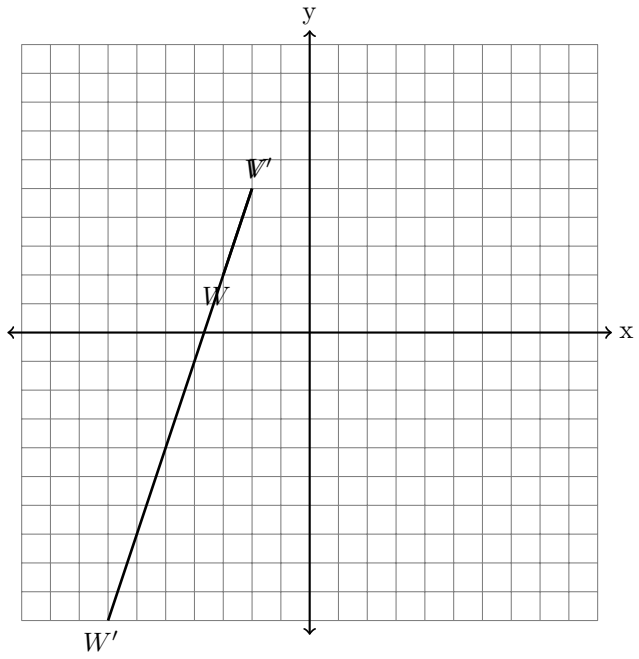
5. Given the graph below, describe the transformation that maps $\overline{OT}$ onto $\overline{O'T'}$.



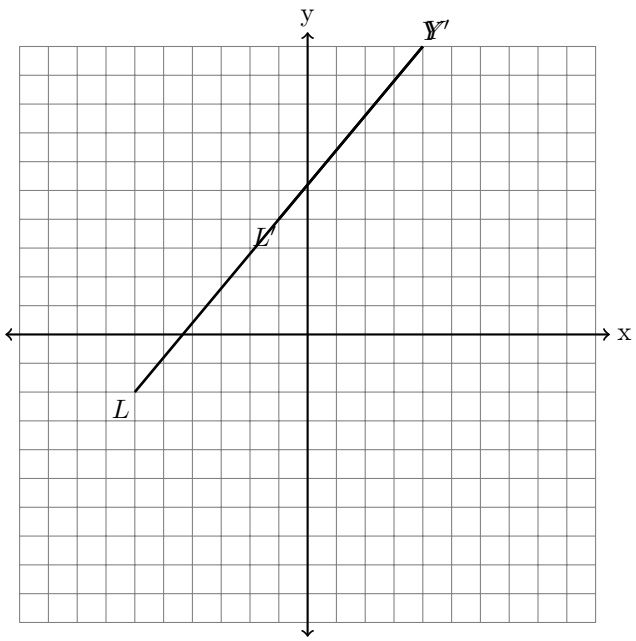
6. Given the graph below, describe the transformation that maps $\overline{LH}$ onto $\overline{L'H'}$.



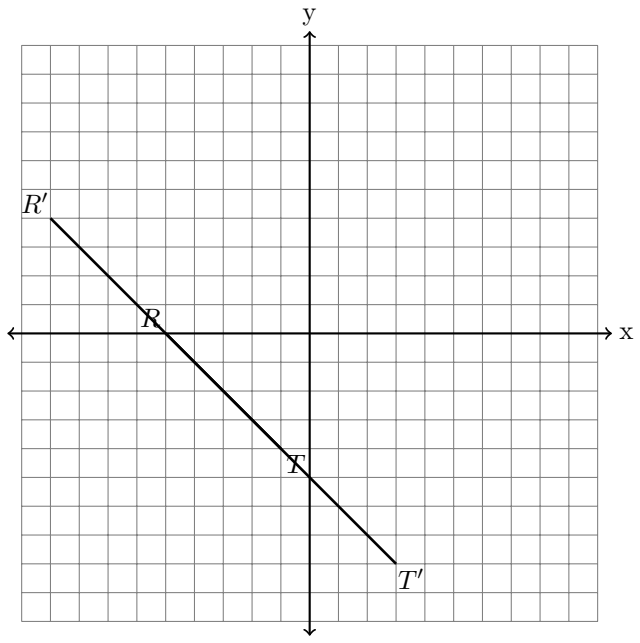
7. Given the graph below, describe the transformation that maps $\overline{VW}$ onto $\overline{V'W'}$.



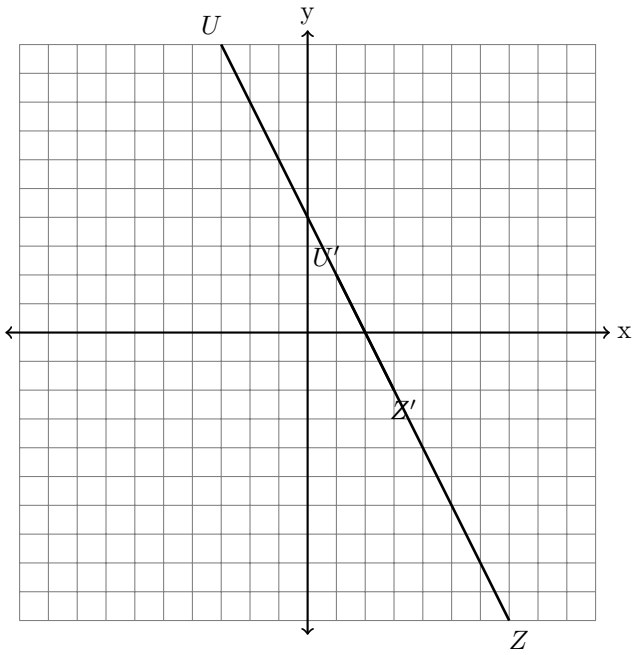
8. Given the graph below, describe the transformation that maps $\overline{YL}$ onto $\overline{Y'L'}$.



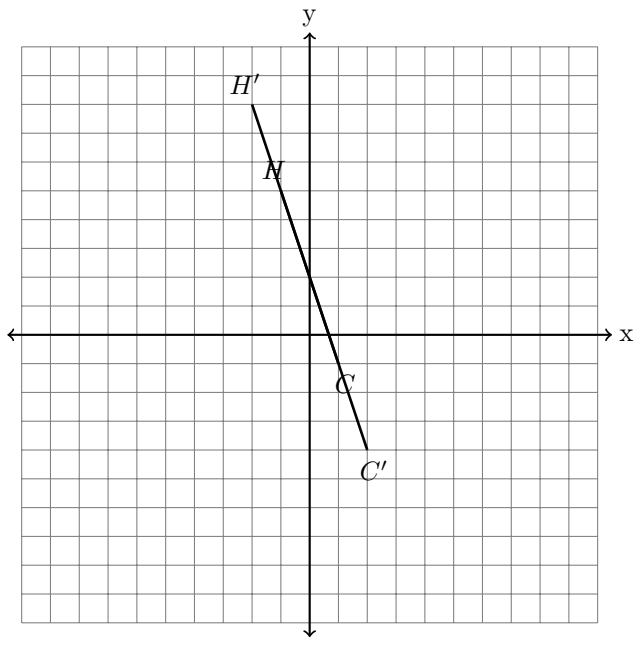
9. Given the graph below, describe the transformation that maps $\overline{RT}$ onto $\overline{R'T'}$.



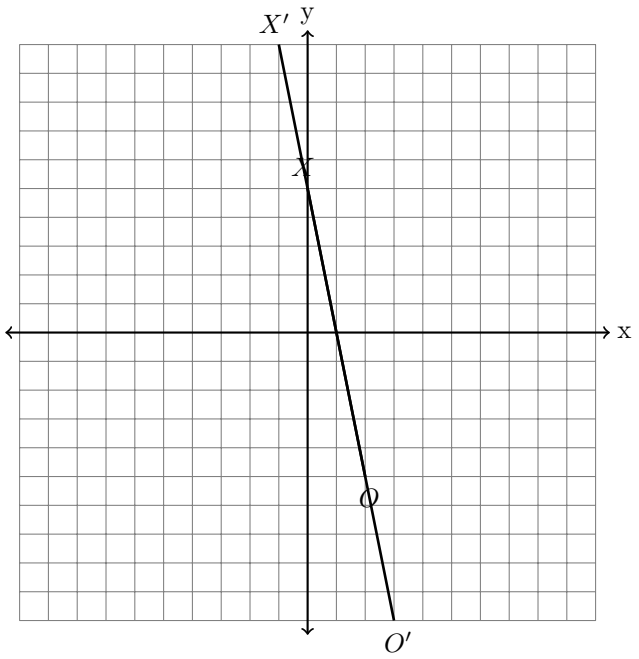
10. Given the graph below, describe the transformation that maps $\overline{UZ}$ onto $\overline{U'Z'}$.



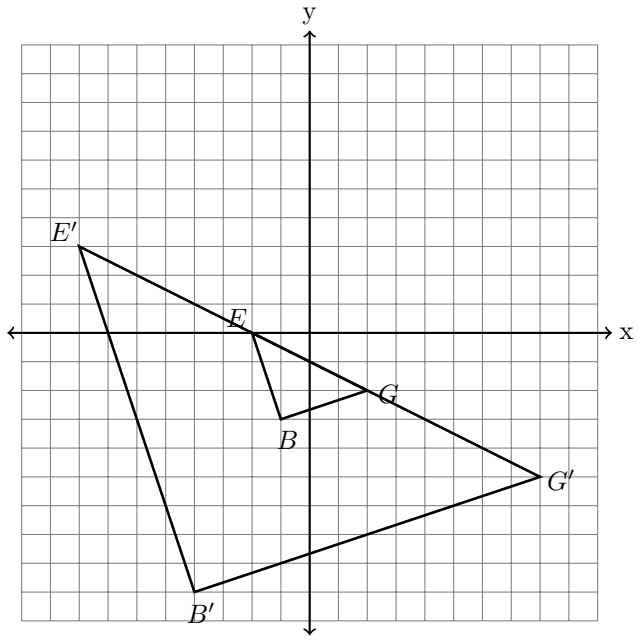
11. Given the graph below, describe the transformation that maps $\overline{HC}$ onto $\overline{H'C'}$.



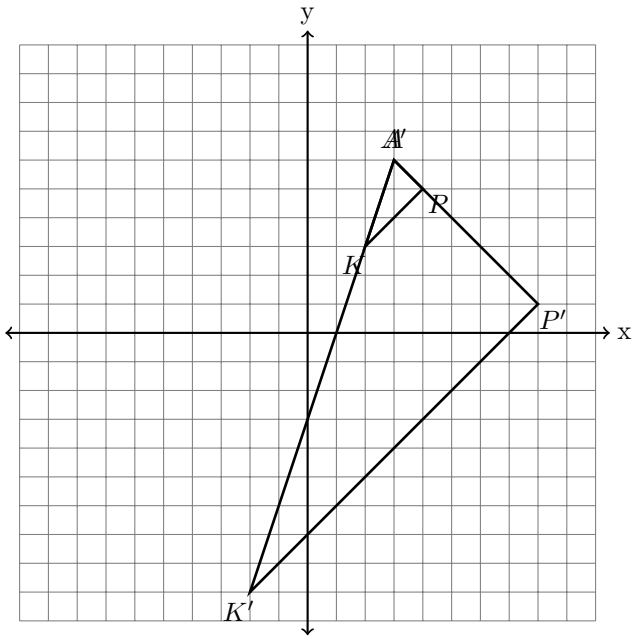
12. Given the graph below, describe the transformation that maps $\overline{XO}$ onto $\overline{X'O'}$.



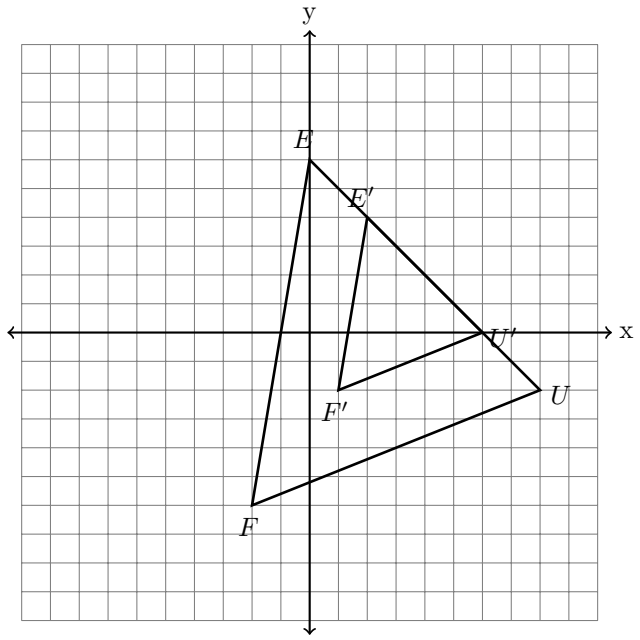
13. Given the graph below, describe the transformation that maps $\triangle EGB$ onto $\triangle E'G'B'$.



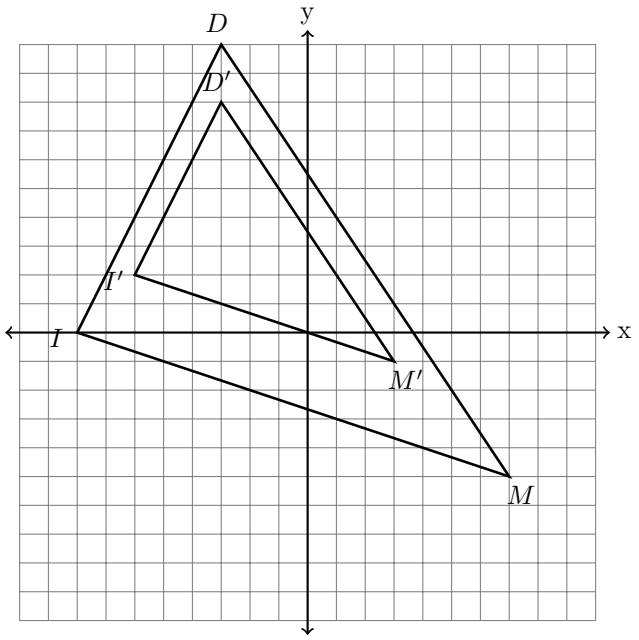
14. Given the graph below, describe the transformation that maps $\triangle AKP$ onto $\triangle A'K'P'$.



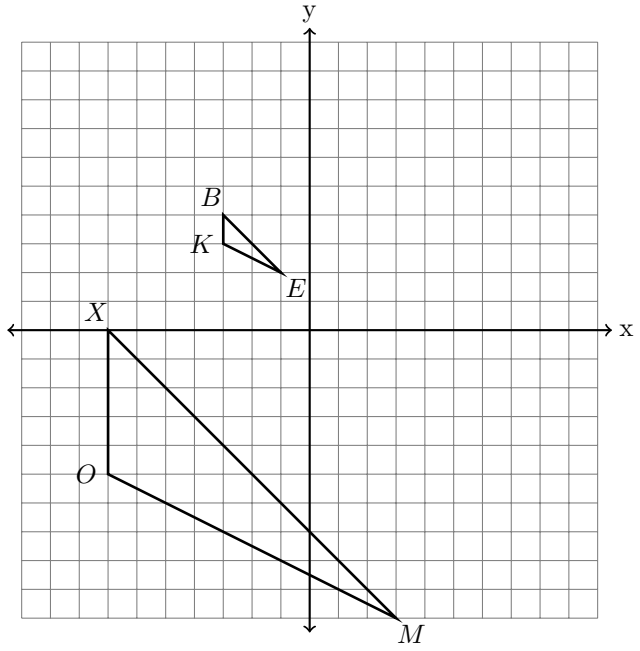
15. Given the graph below, describe the transformation that maps $\triangle EUF$ onto $\triangle E'U'F'$.



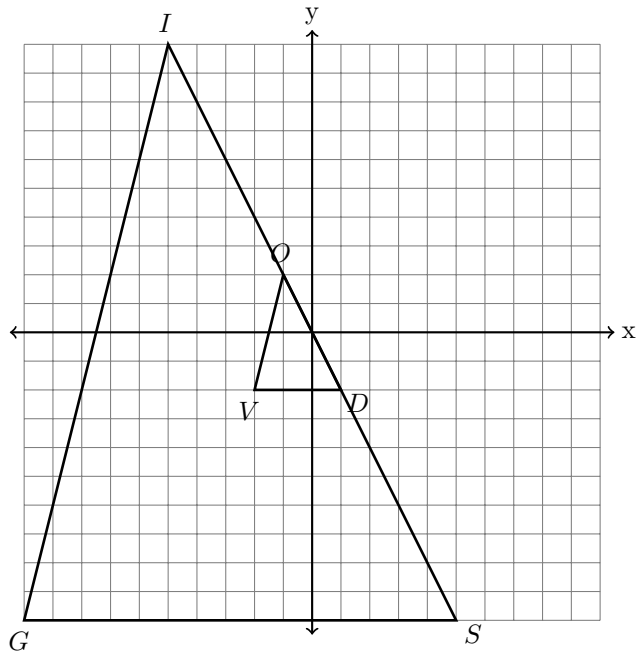
16. Given the graph below, describe the transformation that maps $\triangle DIM$ onto $\triangle D'I'M'$.



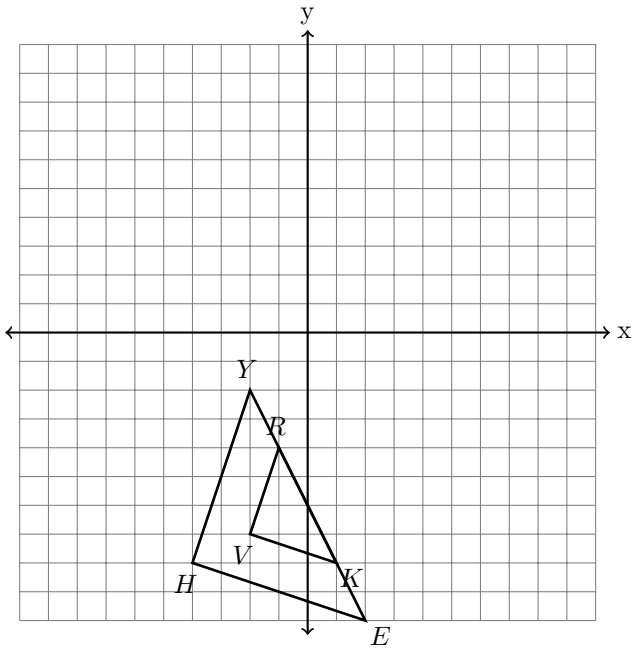
17. Given the graph below, describe the transformation that maps $\triangle BKE$ onto $\triangle XOM$.



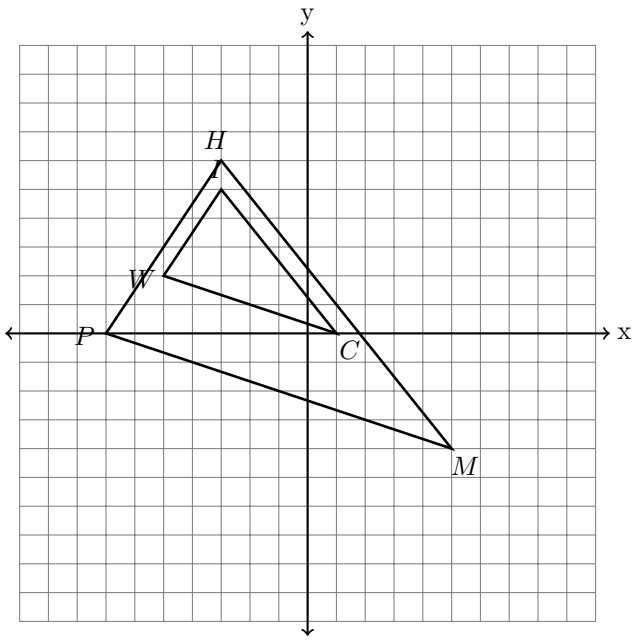
18. Given the graph below, describe the transformation that maps $\triangle ODV$ onto $\triangle ISG$.



19. Given the graph below, describe the transformation that maps $\triangle YEH$ onto $\triangle RKV$.



20. Given the graph below, describe the transformation that maps $\triangle IWC$ onto $\triangle HPM$.



Name:_____CLASS WORK

6.3 - Identify Dilations - CWAnswers #:_____

1. A dilation centered at $(-3, 5)$ with a scale factor of $\frac{1}{3}$.
2. A dilation centered at $(4, 10)$ with a scale factor of 4.
3. A dilation centered at $(8, 9)$ with a scale factor of 4.
4. A dilation centered at $(-5, 9)$ with a scale factor of 3.
5. A dilation centered at $(3, 0)$ with a scale factor of 3.
6. A dilation centered at $(-4, 4)$ with a scale factor of 3.
7. A dilation centered at $(-2, 5)$ with a scale factor of 5.
8. A dilation centered at $(4, 10)$ with a scale factor of $\frac{1}{2}$.
9. A dilation centered at $(-3, -2)$ with a scale factor of 3.
10. A dilation centered at $(2, 0)$ with a scale factor of $\frac{1}{5}$.
11. A dilation centered at $(0, 2)$ with a scale factor of 2.
12. A dilation centered at $(1, 0)$ with a scale factor of 2.
13. A dilation centered at $(0, -1)$ with a scale factor of 4.
14. A dilation centered at $(3, 6)$ with a scale factor of 5.
15. A dilation centered at $(4, 2)$ with a scale factor of $\frac{1}{2}$.
16. A dilation centered at $(-3, 5)$ with a scale factor of $\frac{3}{5}$.
17. A dilation centered at $(-2, 5)$ with a scale factor of 5.
18. A dilation centered at $(0, 0)$ with a scale factor of 5.
19. A dilation centered at $(0, -6)$ with a scale factor of $\frac{1}{2}$.
20. A dilation centered at $(-3, 4)$ with a scale factor of 2.