

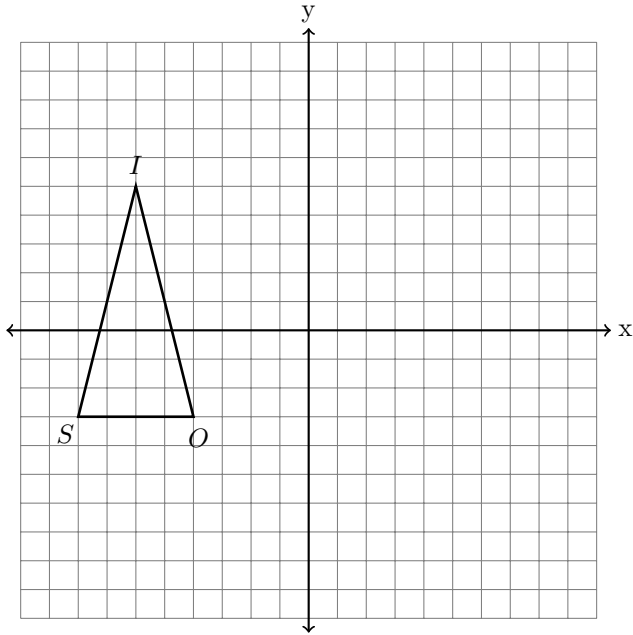
Name: \_\_\_\_\_

CLASS WORK

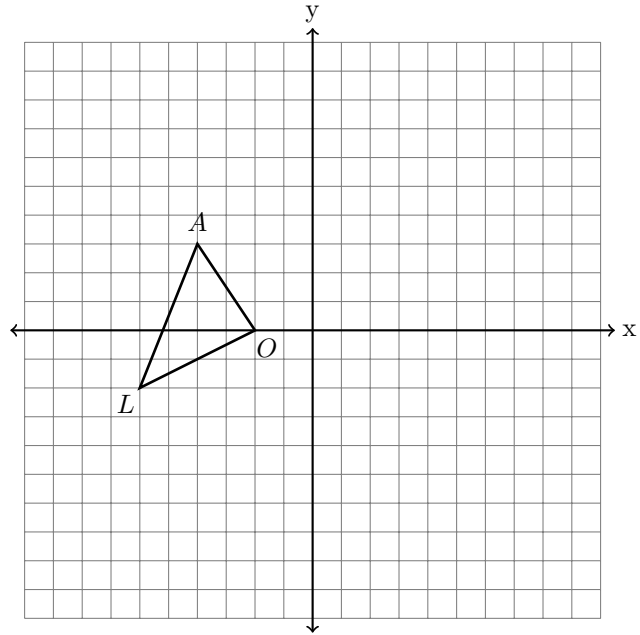
6.2 - Perform Dilations - CW

#: \_\_\_\_\_

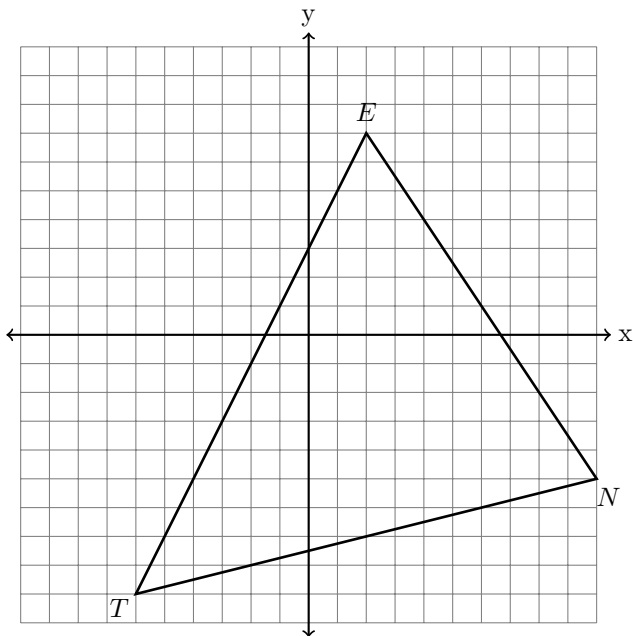
1. Given  $\triangle ISO$  below, graph  $\triangle I'S'O'$  after a dilation centered at  $(-6, 1)$  with a scale factor of  $\frac{3}{2}$ .



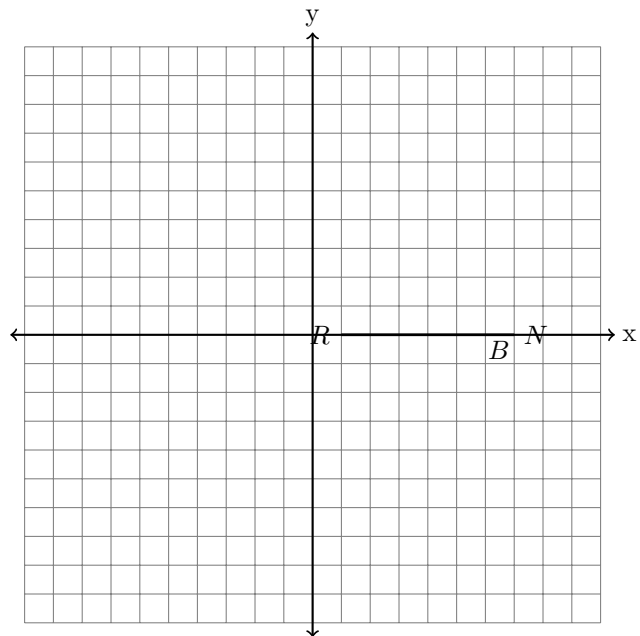
2. Given  $\triangle ALO$  below, graph  $\triangle A'L'O'$  after a dilation centered at  $(-4, 1)$  with a scale factor of 3.



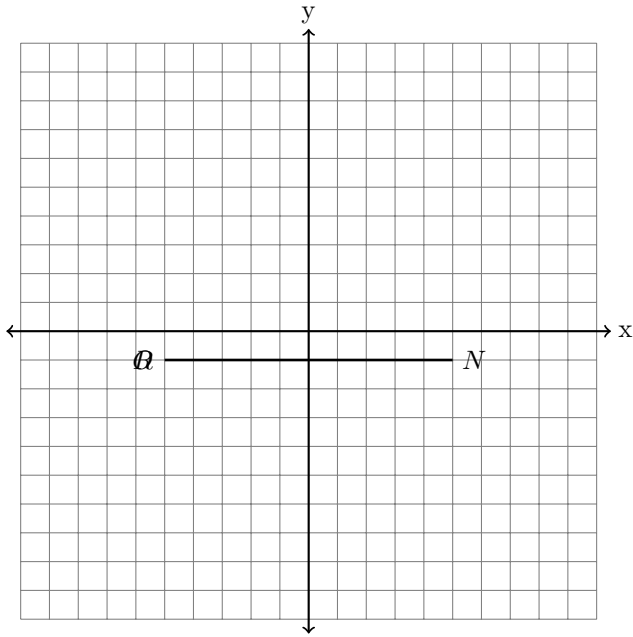
3. Given  $\triangle ETN$  below, graph  $\triangle E'T'N'$  after a dilation centered at  $(2, -1)$  with a scale factor of  $\frac{1}{4}$ .



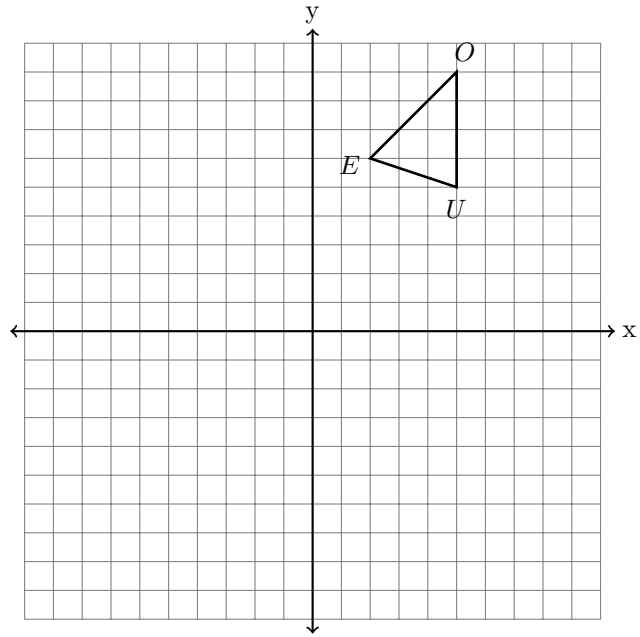
4. Given  $\triangle NRB$  below, graph  $\triangle N'R'B'$  after a dilation centered at  $(4, 6)$  with a scale factor of  $\frac{1}{3}$ .



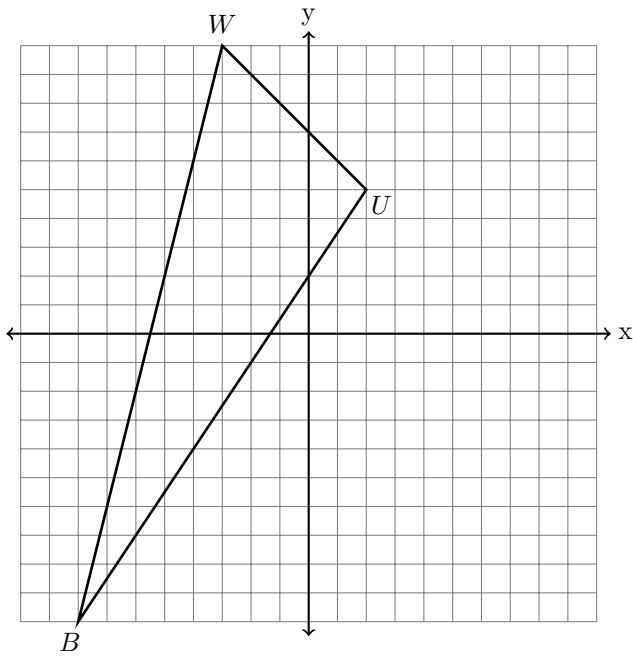
5. Given  $\triangle RON$  below, graph  $\triangle R'O'N'$  after a dilation centered at  $(0,9)$  with a scale factor of  $\frac{7}{5}$ .



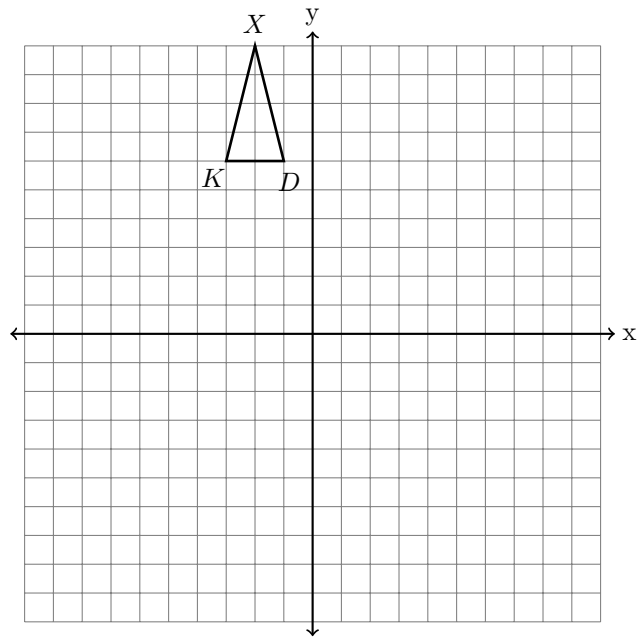
6. Given  $\triangle OEU$  below, graph  $\triangle O'E'U'$  after a dilation centered at  $(4,10)$  with a scale factor of 4.



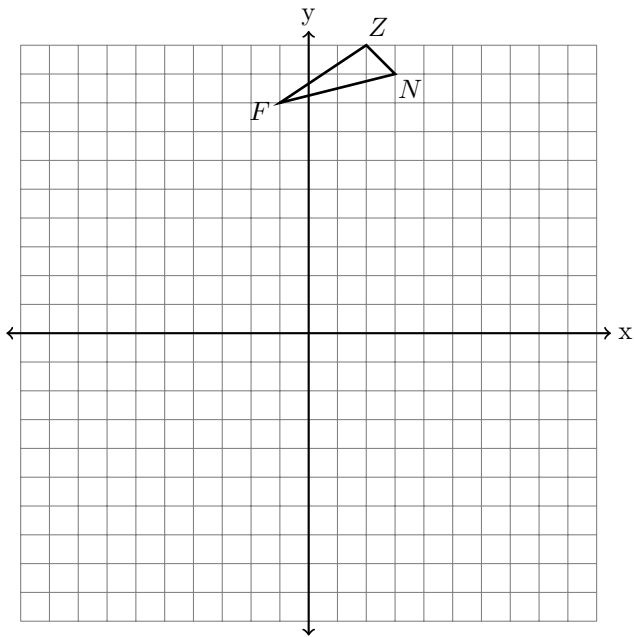
7. Given  $\triangle WBU$  below, graph  $\triangle W'B'U'$  after a dilation centered at  $(-3,10)$  with a scale factor of  $\frac{2}{5}$ .



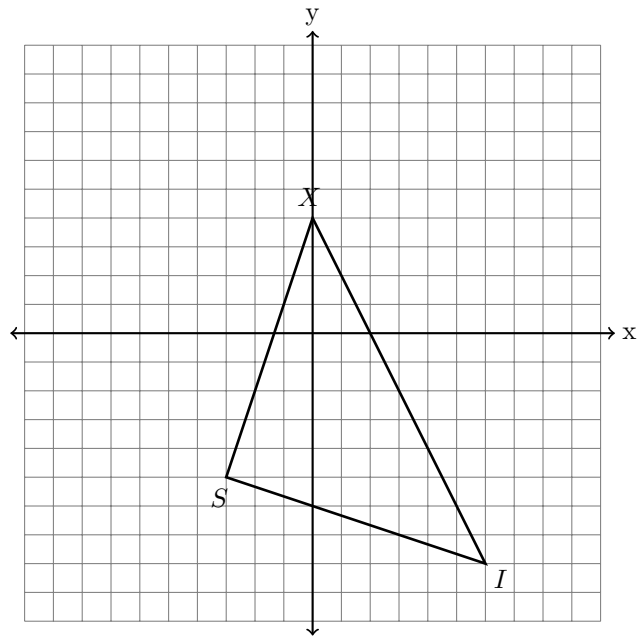
8. Given  $\triangle XKD$  below, graph  $\triangle X'K'D'$  after a dilation centered at  $(-2,10)$  with a scale factor of 5.



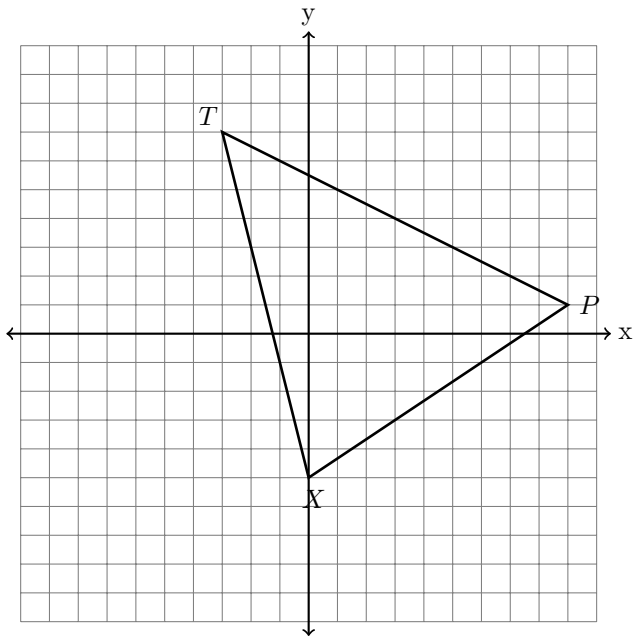
9. Given  $\triangle ZFN$  below, graph  $\triangle Z'F'N'$  after a dilation centered at  $(2, 10)$  with a scale factor of 3.



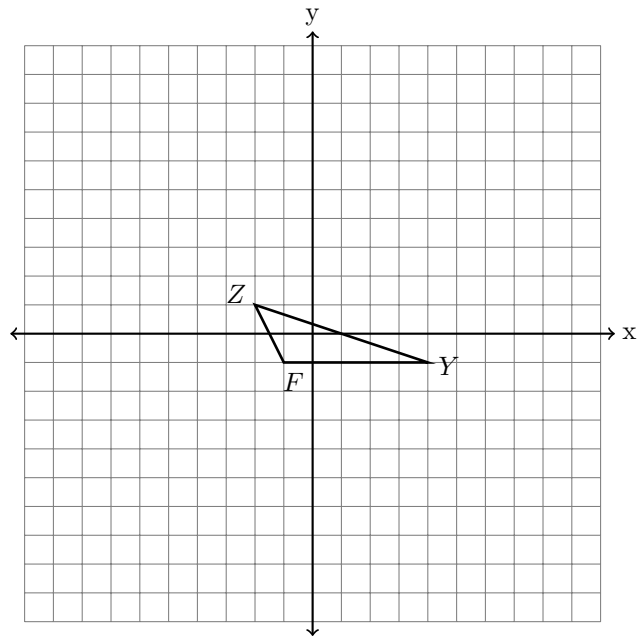
10. Given  $\triangle XIS$  below, graph  $\triangle X'I'S'$  after a dilation centered at  $(3, -2)$  with a scale factor of  $\frac{4}{3}$ .



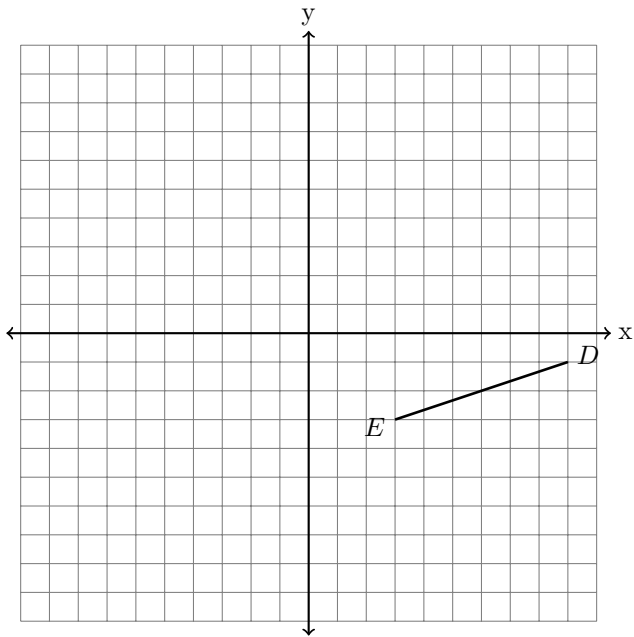
11. Given  $\triangle TPX$  below, graph  $\triangle T'P'X'$  after a dilation centered at  $(3, 4)$  with a scale factor of  $\frac{1}{3}$ .



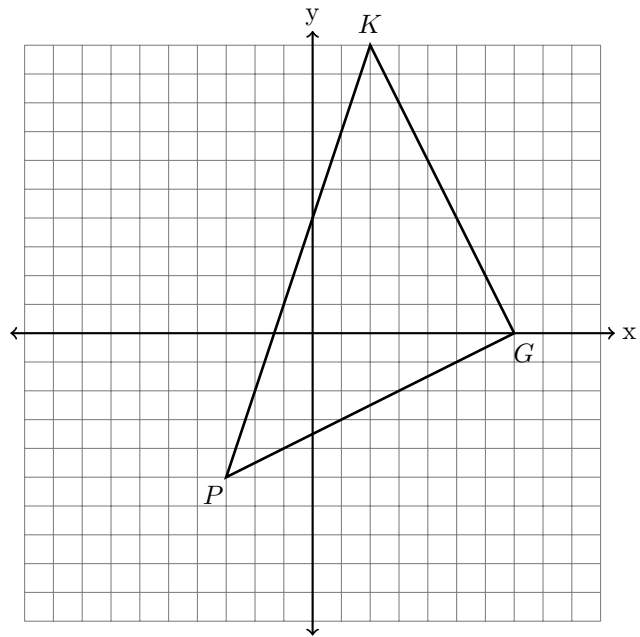
12. Given  $\triangle ZYF$  below, graph  $\triangle Z'Y'F'$  after a dilation centered at  $(1, 0)$  with a scale factor of 3.



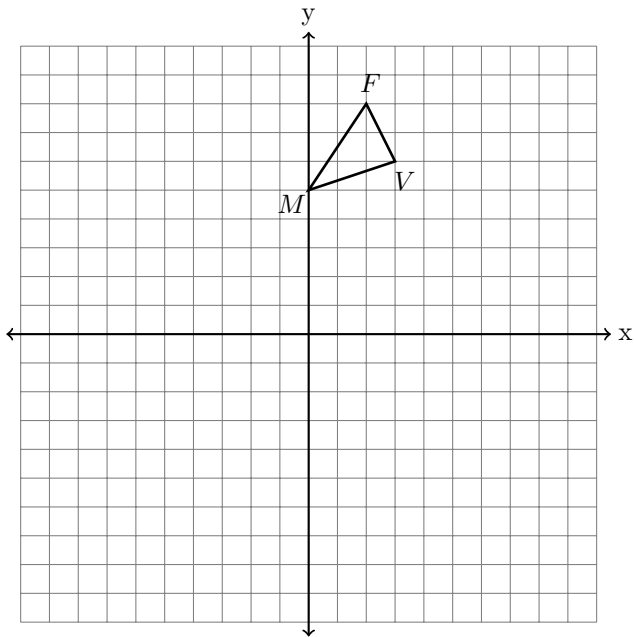
13. Given  $\triangle DEY$  below, graph  $\triangle D'E'Y'$  after a dilation centered at  $(9, -1)$  with a scale factor of  $\frac{3}{2}$ .



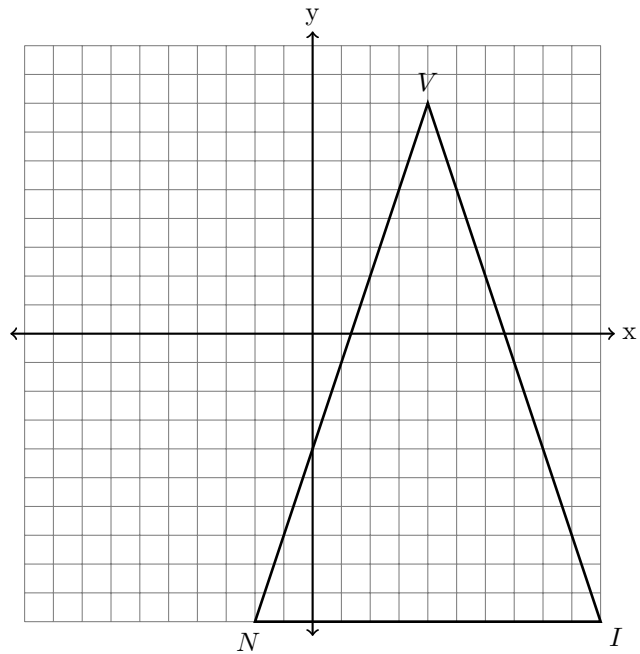
14. Given  $\triangle KPG$  below, graph  $\triangle K'P'G'$  after a dilation centered at  $(2, 10)$  with a scale factor of  $\frac{3}{5}$ .



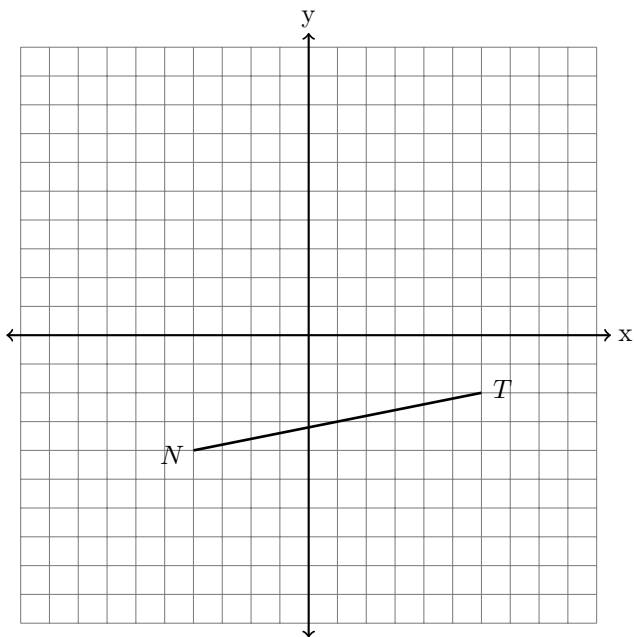
15. Given  $\triangle FMV$  below, graph  $\triangle F'M'V'$  after a dilation centered at  $(2, 8)$  with a scale factor of 5.



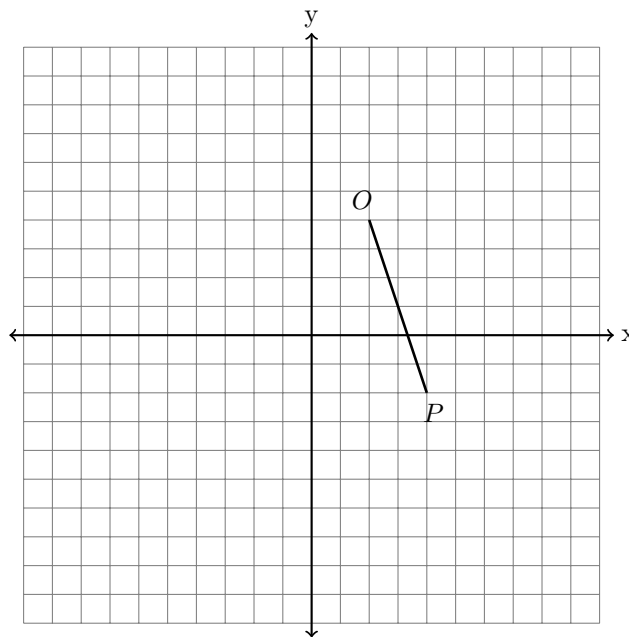
16. Given  $\triangle VIN$  below, graph  $\triangle V'I'N'$  after a dilation centered at  $(7, -1)$  with a scale factor of  $\frac{2}{3}$ .



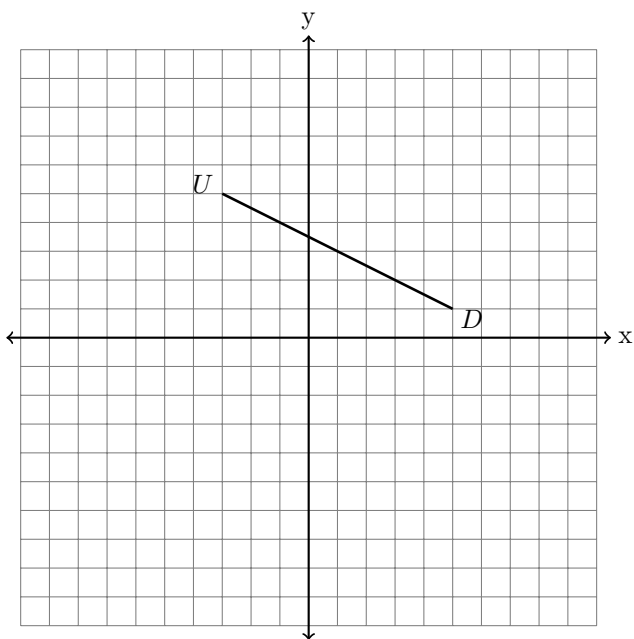
17. Given  $\triangle TNK$  below, graph  $\triangle T'N'K'$  after a dilation centered at  $(2, 4)$  with a scale factor of  $\frac{3}{2}$ .



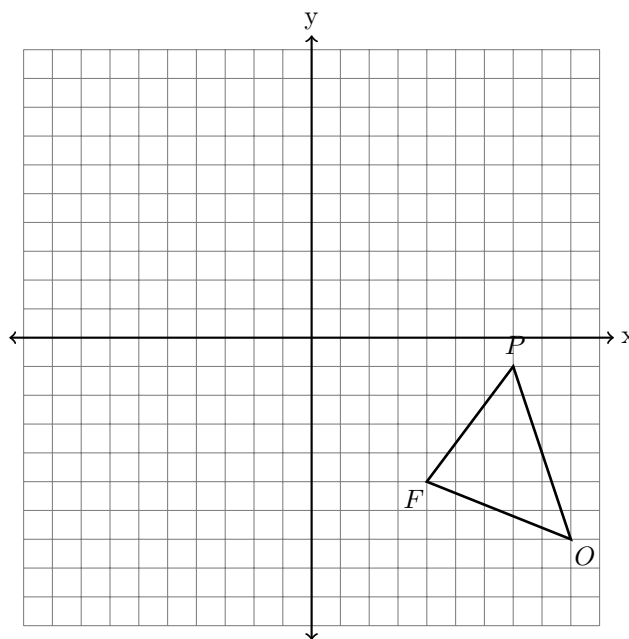
18. Given  $\triangle OPK$  below, graph  $\triangle O'P'K'$  after a dilation centered at  $(3, 1)$  with a scale factor of 3.



19. Given  $\triangle UDK$  below, graph  $\triangle U'D'K'$  after a dilation centered at  $(1, 3)$  with a scale factor of  $\frac{3}{2}$ .



20. Given  $\triangle POF$  below, graph  $\triangle P'O'F'$  after a dilation centered at  $(8, -4)$  with a scale factor of 2.



1.  $S'(-9, -5)$
2.  $L'(-10, -8)$
3.  $T'(0, -3)$
4.  $R'(3, 4)$
5.  $O'(-7, -5)$
6.  $E'(-4, -6)$
7.  $B'(-5, 2)$
8.  $K'(-7, -10)$
9.  $F'(-7, 4)$
10.  $I'(7, -10)$
11.  $P'(5, 3)$
12.  $Y'(10, -3)$
13.  $E'(0, -4)$
14.  $P'(-1, 1)$
15.  $M'(-8, -7)$
16.  $I'(9, -7)$
17.  $N'(-7, -8)$
18.  $P'(6, -8)$
19.  $D'(7, 0)$
20.  $O'(10, -10)$