

Scale Factor

Find the scale factor.

1) $I(0, 4), J(4, 5), K(5, 3)$

to
 $I'(0, 1), J'(1, 1.25), K'(1.25, 0.75)$

2) $G(-1, -2), H(-1, 0), I(2, 2), J(2, -1)$

to
 $G'(-2, -4), H'(-2, 0), I'(4, 4), J'(4, -2)$

3) $W(-1, 4), X(3, 5), Y(0, 1)$

to
 $W'(-0.5, 2), X'(1.5, 2.5), Y'(0, 0.5)$

4) $U(-4, -4), V(-3, -1), W(0, -1)$

to
 $U'(-1, -1), V'(-0.75, -0.25), W'(0, -0.25)$

5) $F(-2, -1), E(-1, 2), D(2, 1)$

to
 $F'(-3, -1.5), E'(-1.5, 3), D'(3, 1.5)$

6) $C(-2, 0), D(3, 1), E(3, -1)$

to
 $C'(-3, 0), D'(4.5, 1.5), E'(4.5, -1.5)$

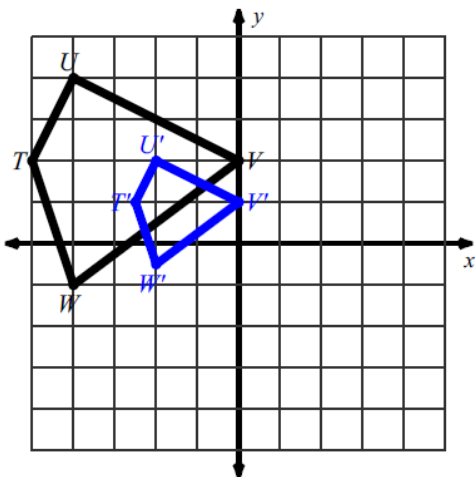
7) $M(-2, -1), L(-1, 1), K(2, 0), J(2, -1)$

to
 $M'(-4, -2), L'(-2, 2), K'(4, 0), J'(4, -2)$

8) $U(-2, -2), V(0, 2), W(2, 1)$

to
 $U'(-3, -3), V'(0, 3), W'(3, 1.5)$

9)



10)

