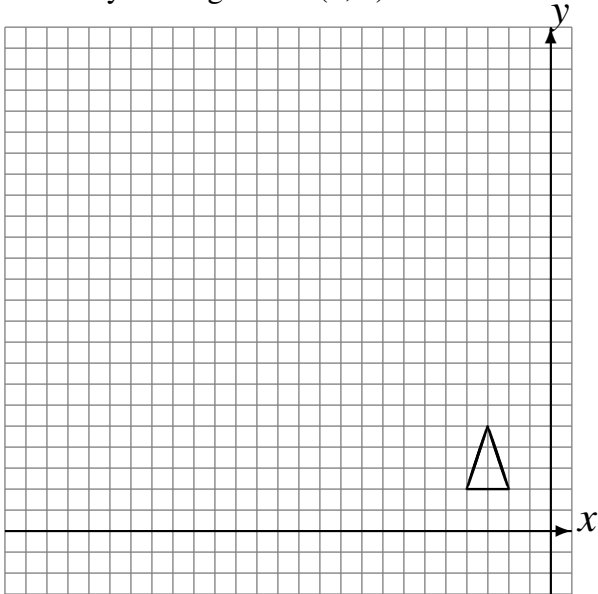


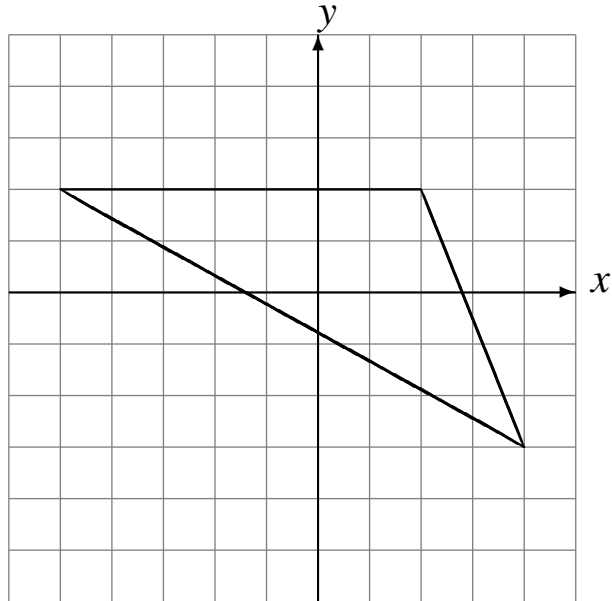
Dilations (A)

Draw the dilated image.

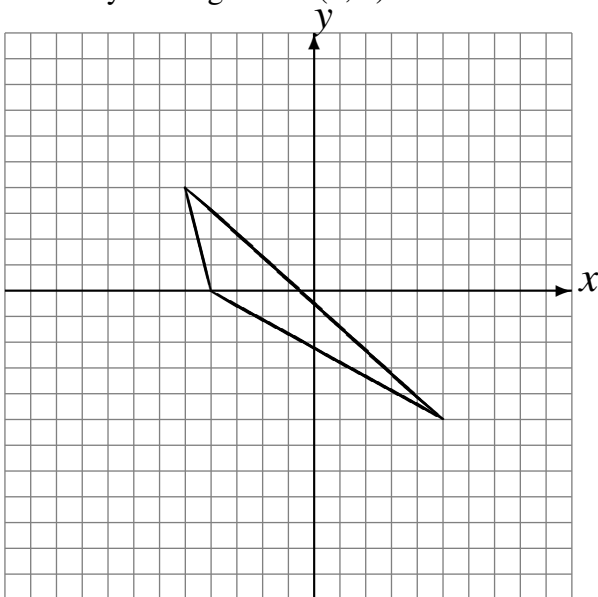
Dilate by 4 using center (3, 0).



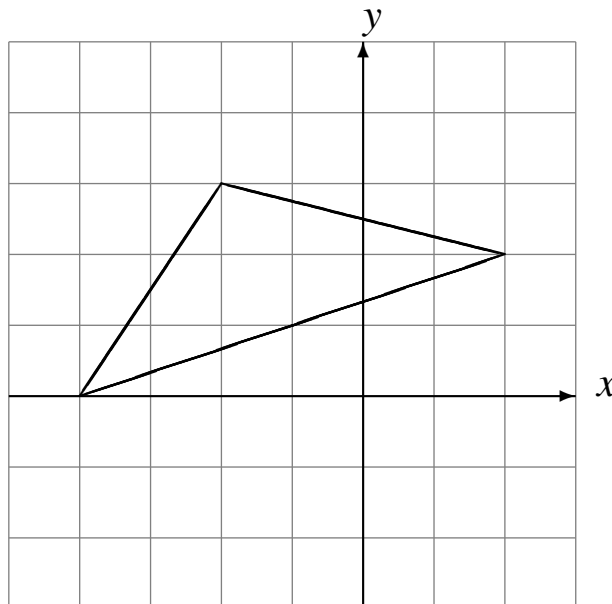
Dilate by $\frac{1}{2}$ using center (-2, 1).



Dilate by 2 using center (1, 0).



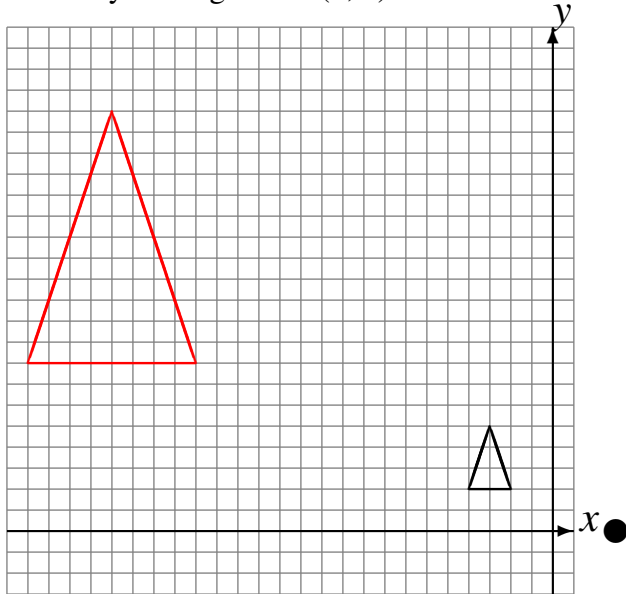
Dilate by $\frac{1}{2}$ using center (3, -2).



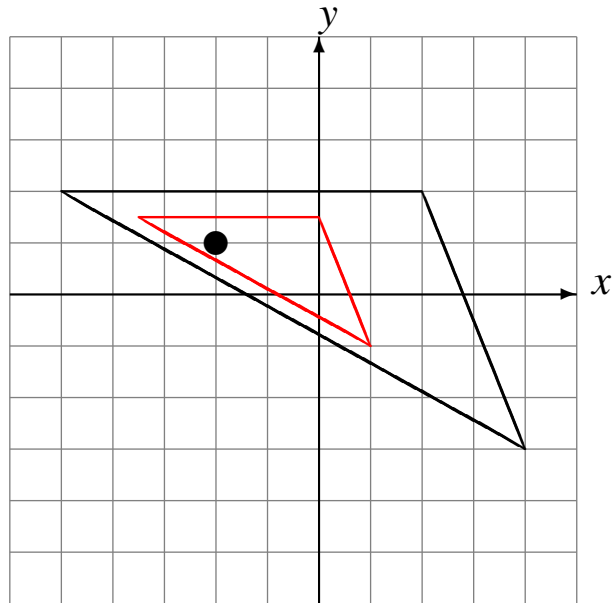
Dilations (A) Answers

Draw the dilated image.

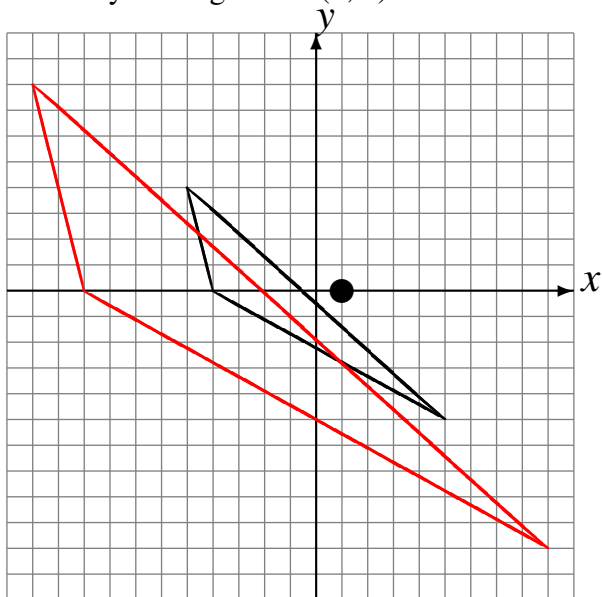
Dilate by 4 using center (3, 0).



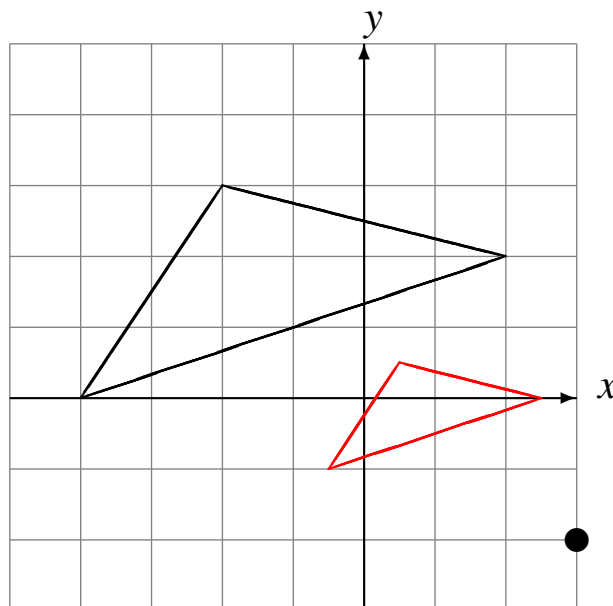
Dilate by $\frac{1}{2}$ using center (-2, 1).



Dilate by 2 using center (1, 0).



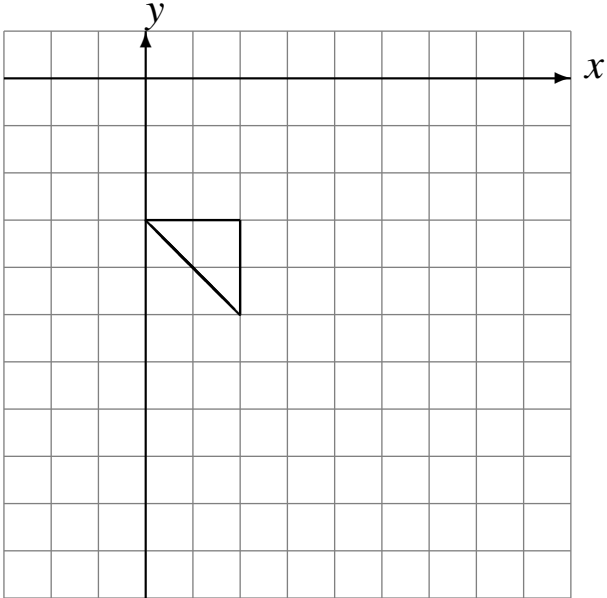
Dilate by $\frac{1}{2}$ using center (3, -2).



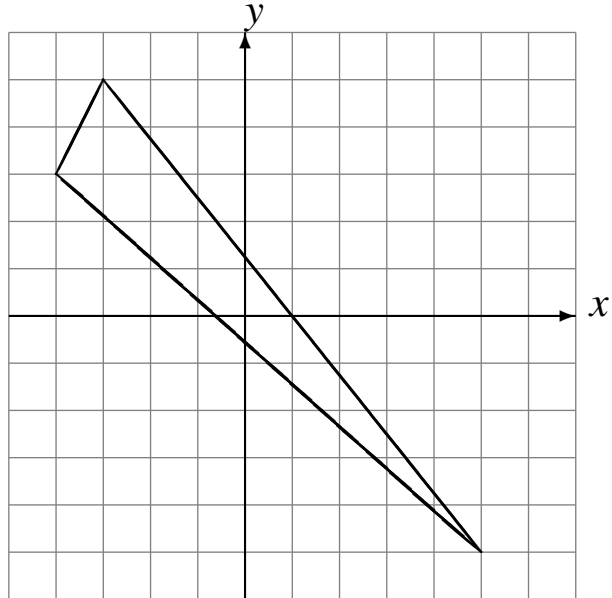
Dilations (B)

Draw the dilated image.

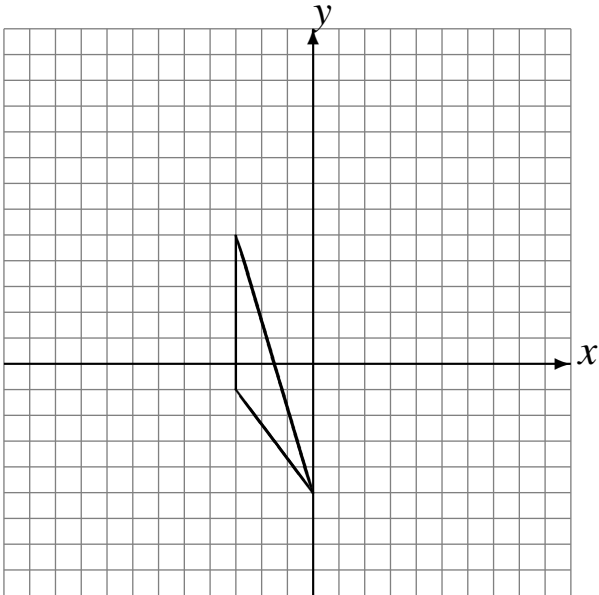
Dilate by 2 using center $(-1, 0)$.



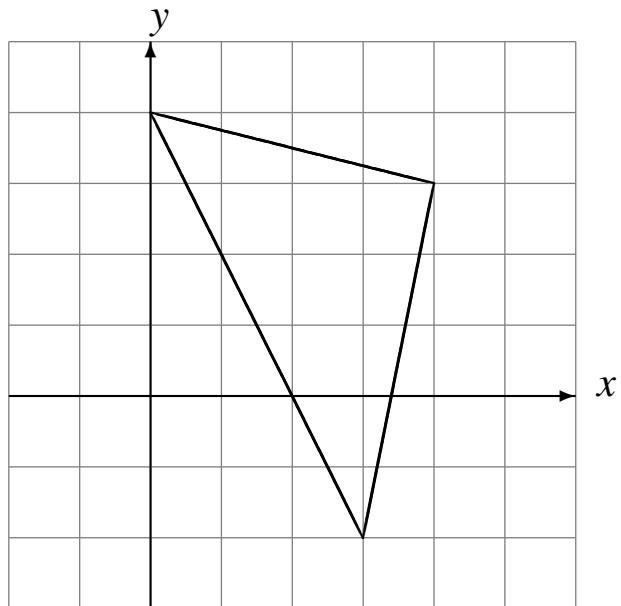
Dilate by $\frac{1}{4}$ using center $(0, 1)$.



Dilate by 2 using center $(-2, -2)$.



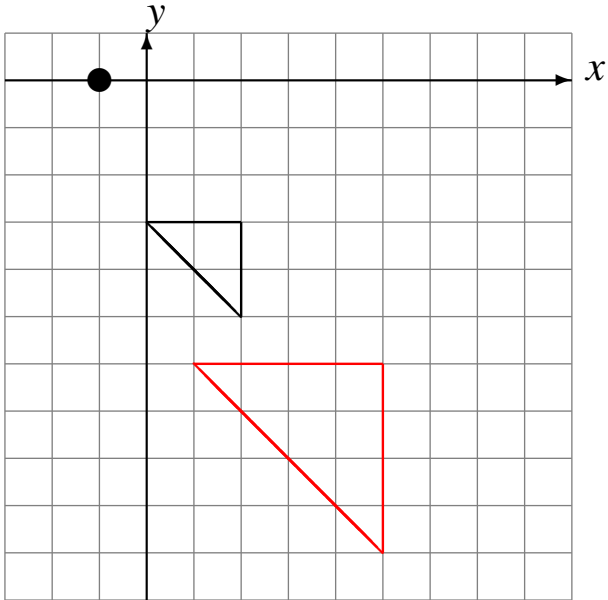
Dilate by $\frac{1}{2}$ using center $(-1, 0)$.



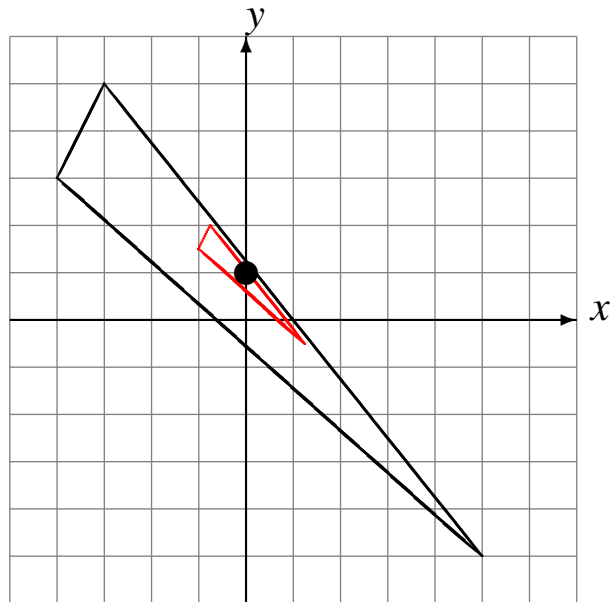
Dilations (B) Answers

Draw the dilated image.

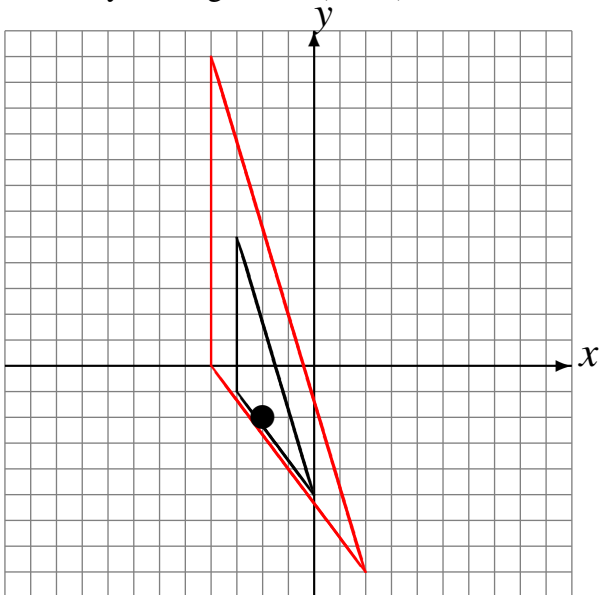
Dilate by 2 using center $(-1, 0)$.



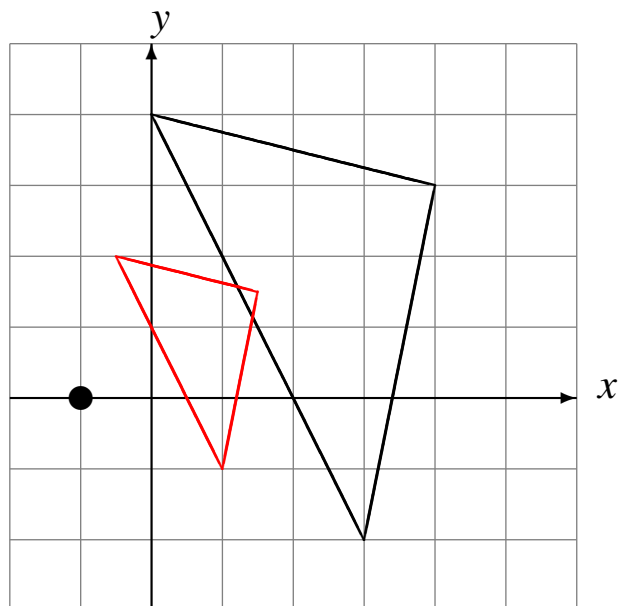
Dilate by $\frac{1}{4}$ using center $(0, 1)$.



Dilate by 2 using center $(-2, -2)$.



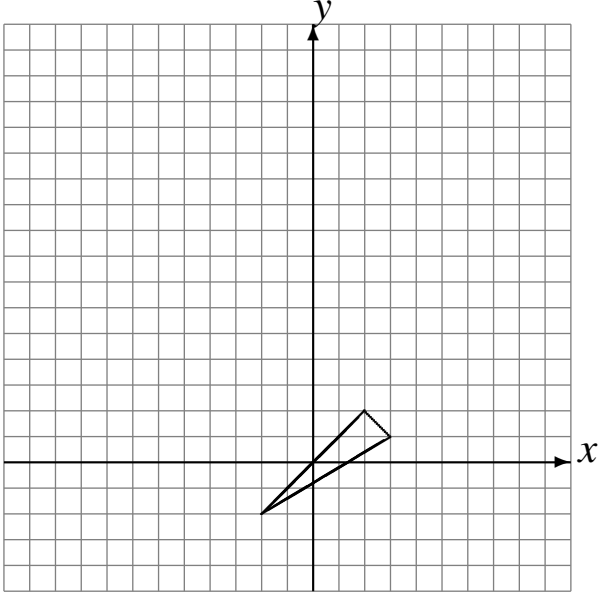
Dilate by $\frac{1}{2}$ using center $(-1, 0)$.



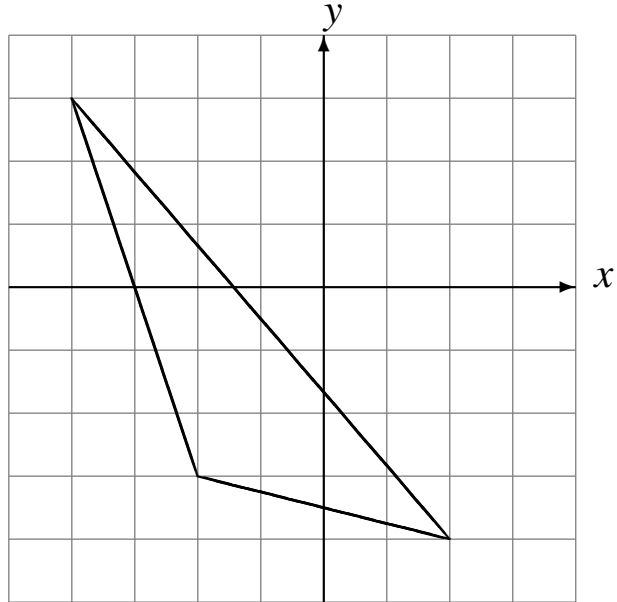
Dilations (C)

Draw the dilated image.

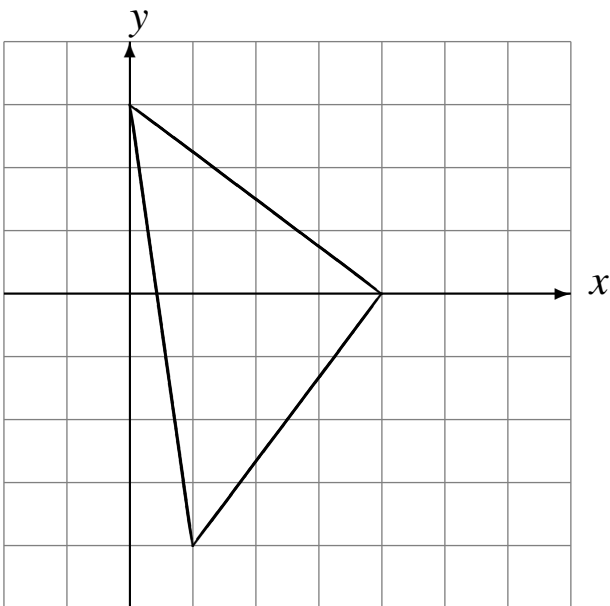
Dilate by 4 using center $(1, -2)$.



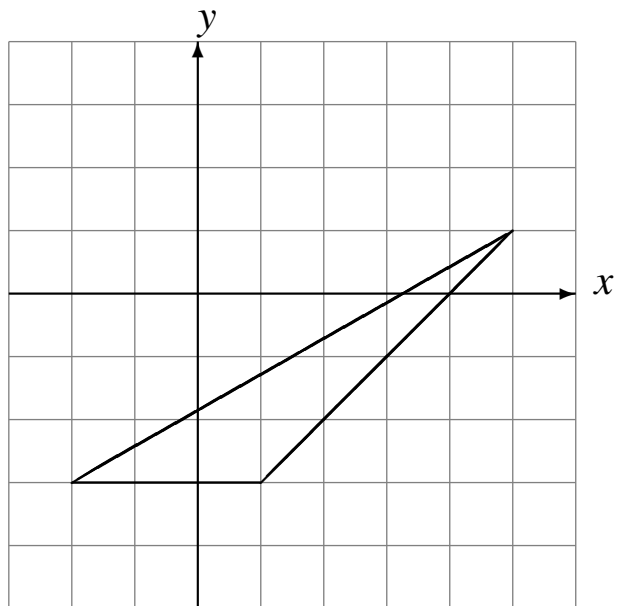
Dilate by $\frac{1}{4}$ using center $(-1, 1)$.



Dilate by $\frac{1}{4}$ using center $(-1, 1)$.



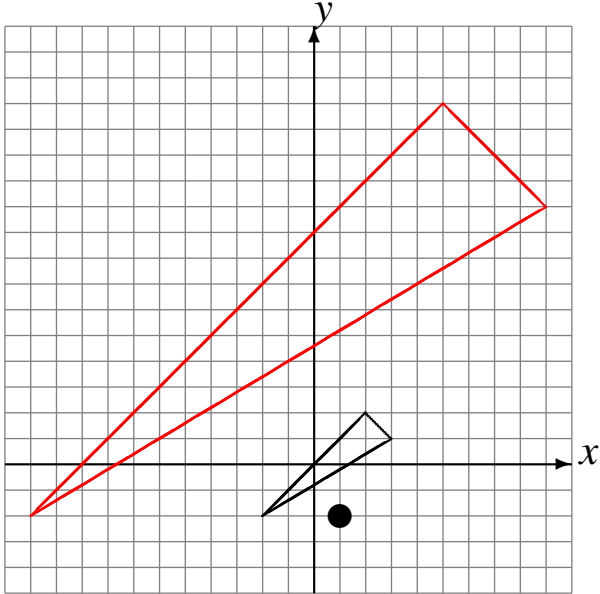
Dilate by $\frac{1}{4}$ using center $(2, 0)$.



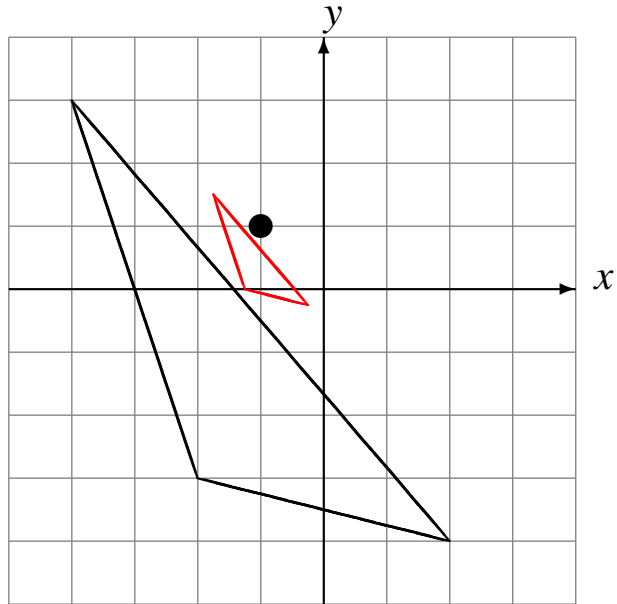
Dilations (C) Answers

Draw the dilated image.

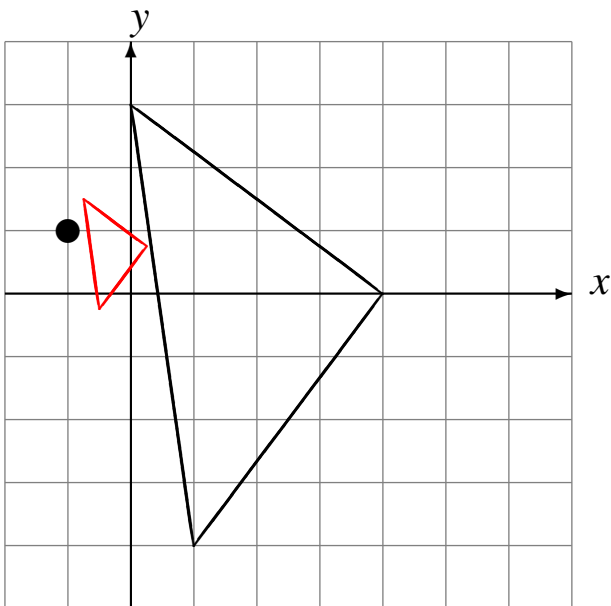
Dilate by 4 using center $(1, -2)$.



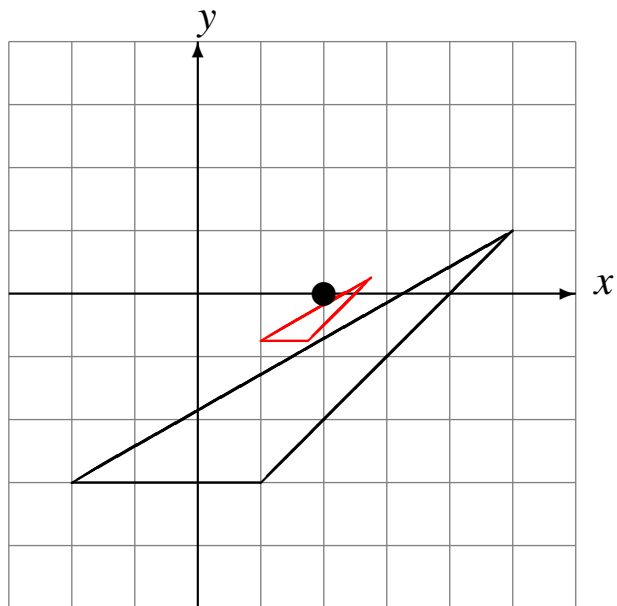
Dilate by $\frac{1}{4}$ using center $(-1, 1)$.



Dilate by $\frac{1}{4}$ using center $(-1, 1)$.



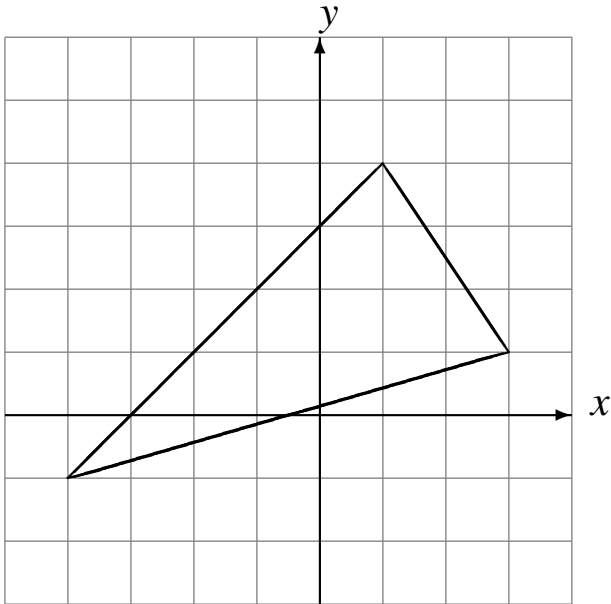
Dilate by $\frac{1}{4}$ using center $(2, 0)$.



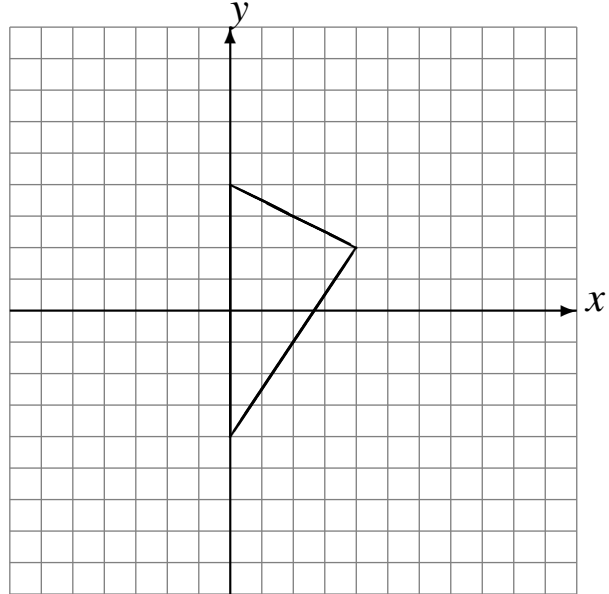
Dilations (D)

Draw the dilated image.

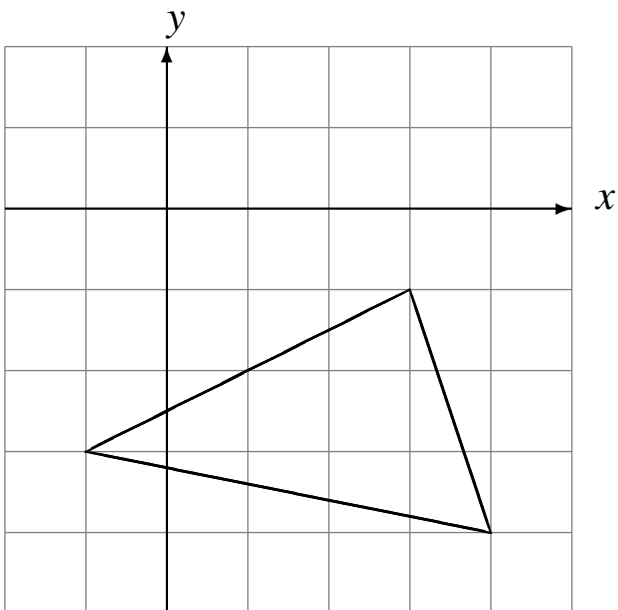
Dilate by $\frac{1}{2}$ using center $(-2, 2)$.



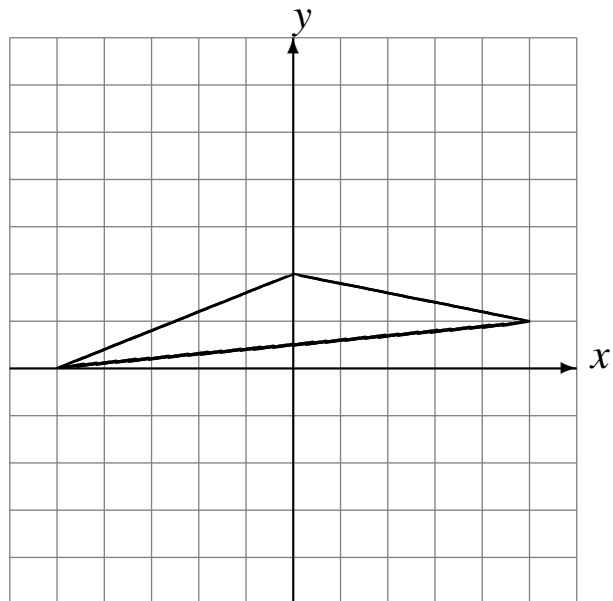
Dilate by 2 using center $(2, 0)$.



Dilate by $\frac{1}{2}$ using center $(3, 1)$.



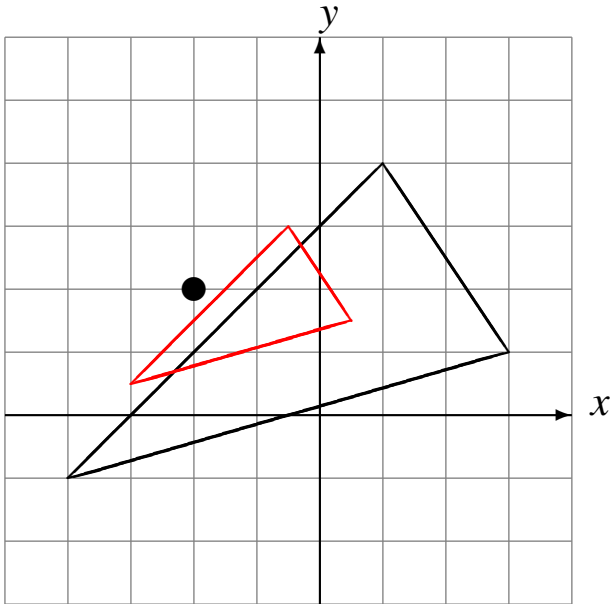
Dilate by $\frac{1}{4}$ using center $(1, -2)$.



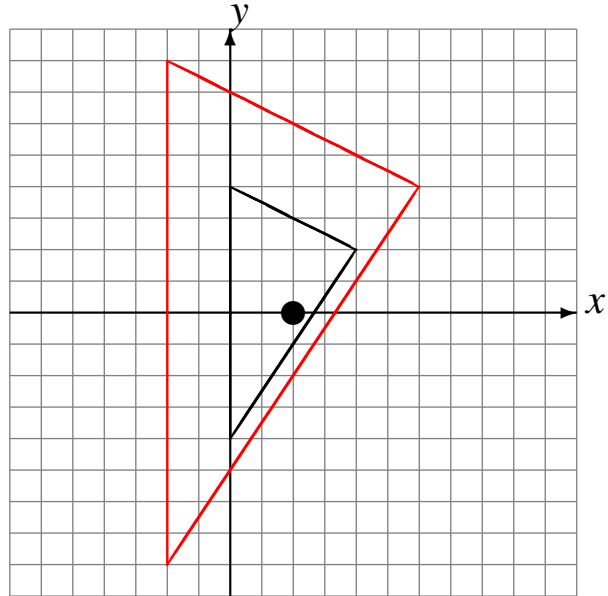
Dilations (D) Answers

Draw the dilated image.

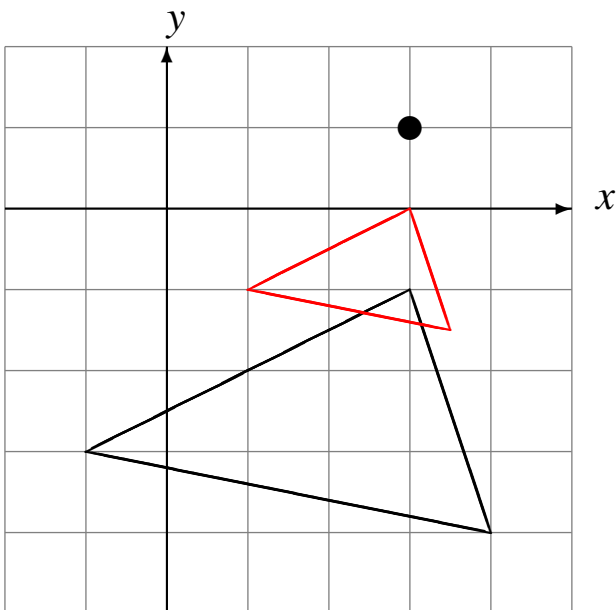
Dilate by $\frac{1}{2}$ using center $(-2, 2)$.



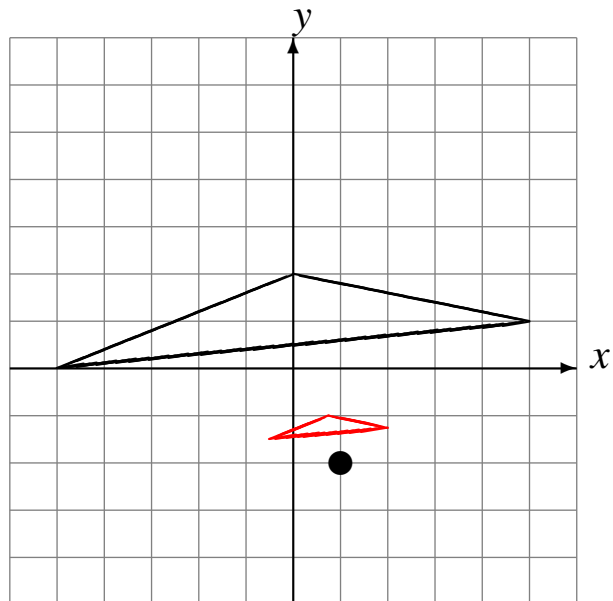
Dilate by 2 using center $(2, 0)$.



Dilate by $\frac{1}{2}$ using center $(3, 1)$.



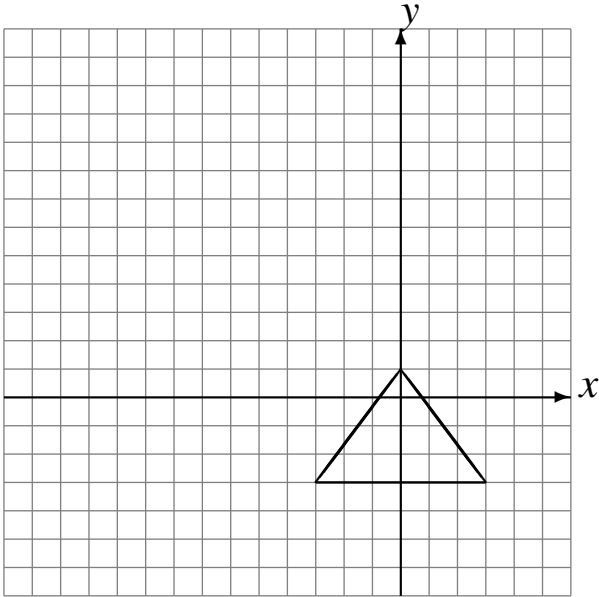
Dilate by $\frac{1}{4}$ using center $(1, -2)$.



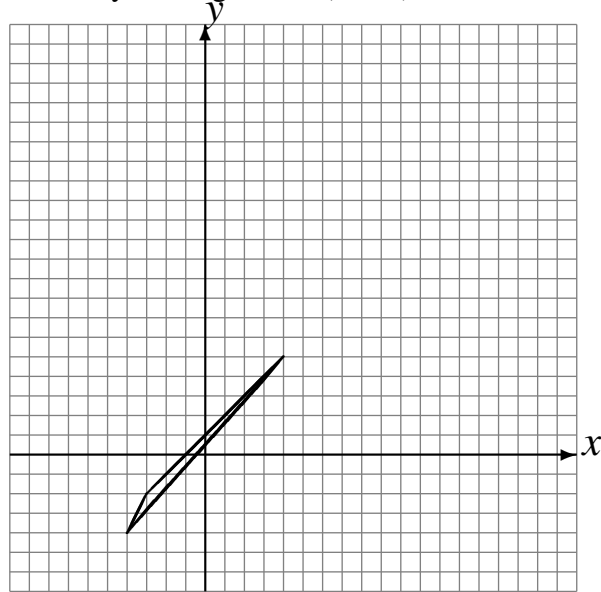
Dilations (E)

Draw the dilated image.

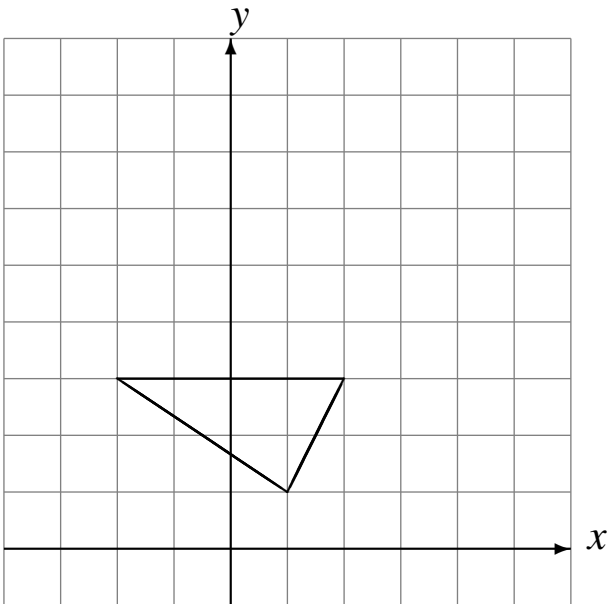
Dilate by 3 using center $(2, -3)$.



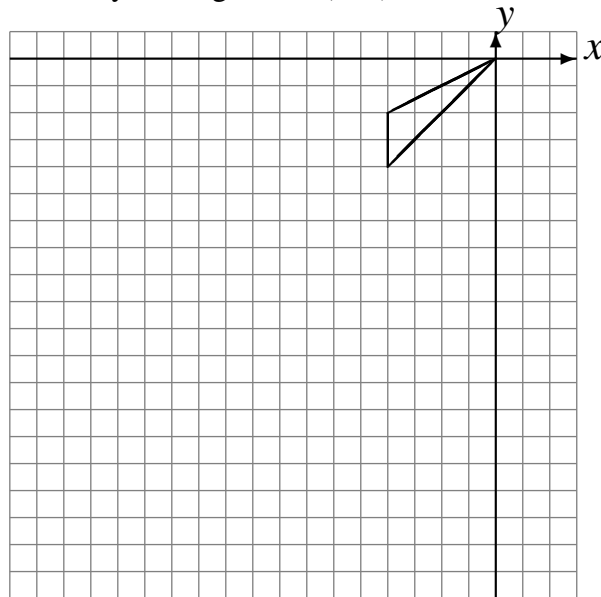
Dilate by 3 using center $(-2, -3)$.



Dilate by 2 using center $(-1, -2)$.



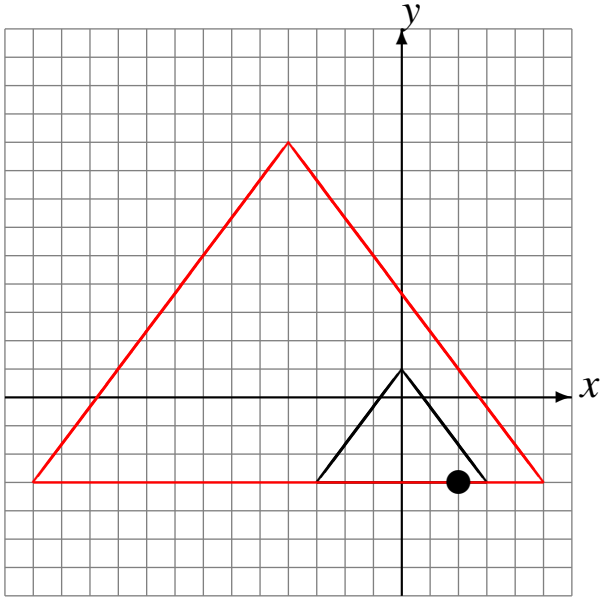
Dilate by 4 using center $(0, 1)$.



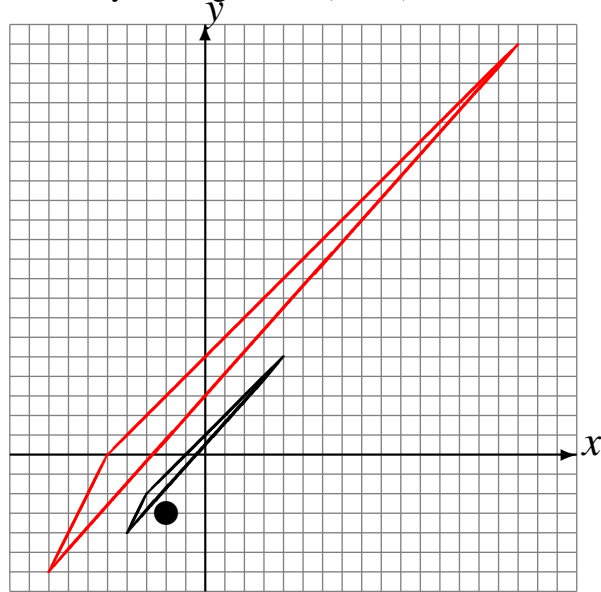
Dilations (E) Answers

Draw the dilated image.

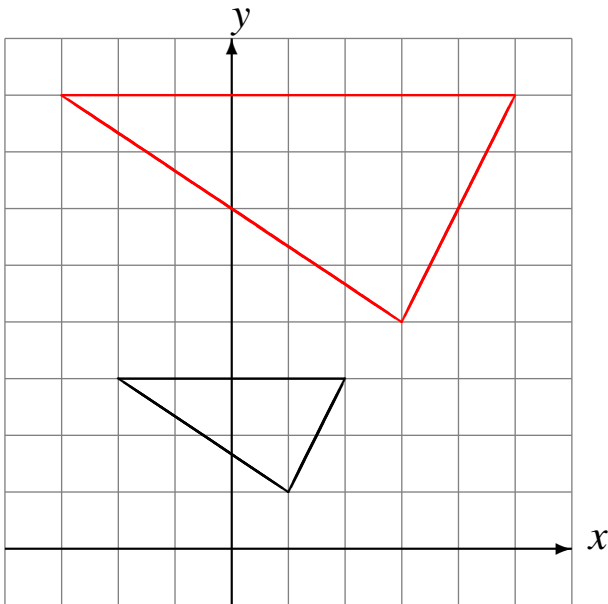
Dilate by 3 using center $(2, -3)$.



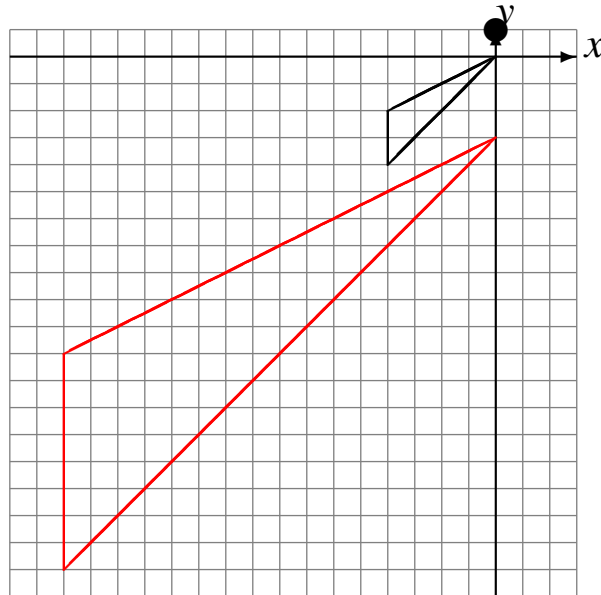
Dilate by 3 using center $(-2, -3)$.



Dilate by 2 using center $(-1, -2)$.



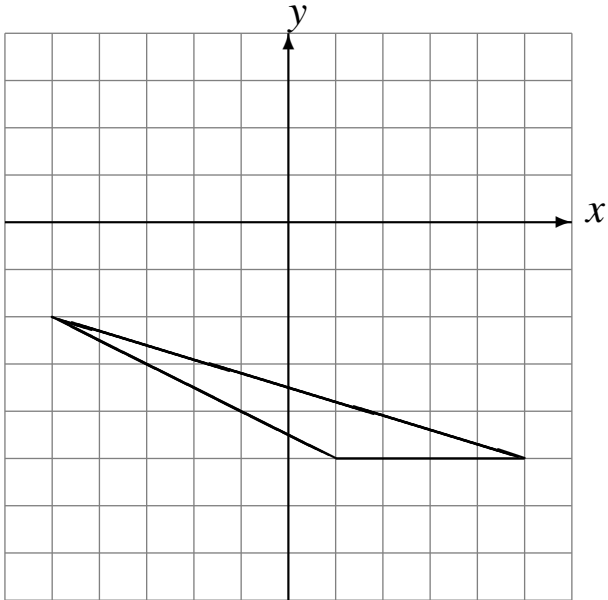
Dilate by 4 using center $(0, 1)$.



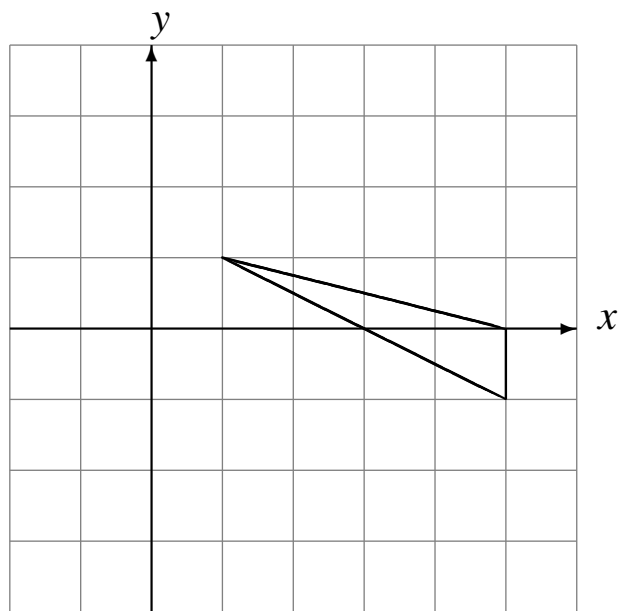
Dilations (F)

Draw the dilated image.

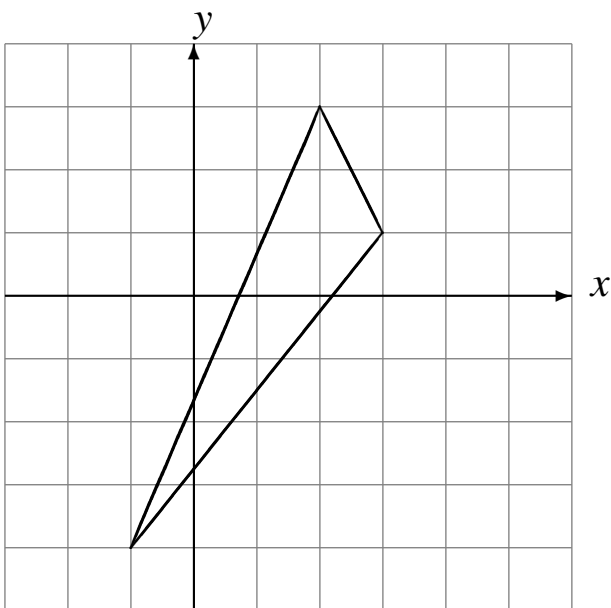
Dilate by $\frac{1}{2}$ using center (1, 3).



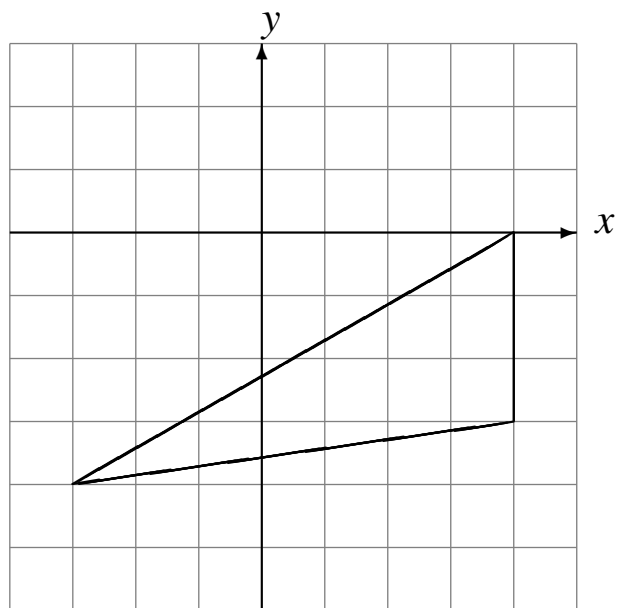
Dilate by $\frac{1}{4}$ using center (-2, -1).



Dilate by $\frac{1}{3}$ using center (2, 0).



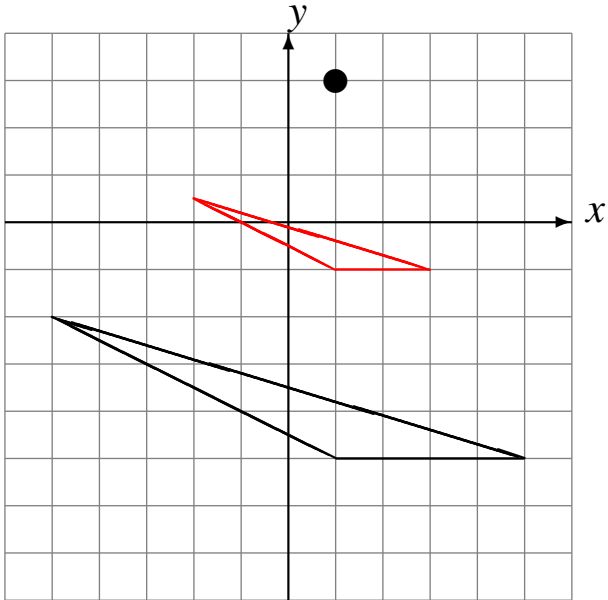
Dilate by $\frac{1}{2}$ using center (3, 0).



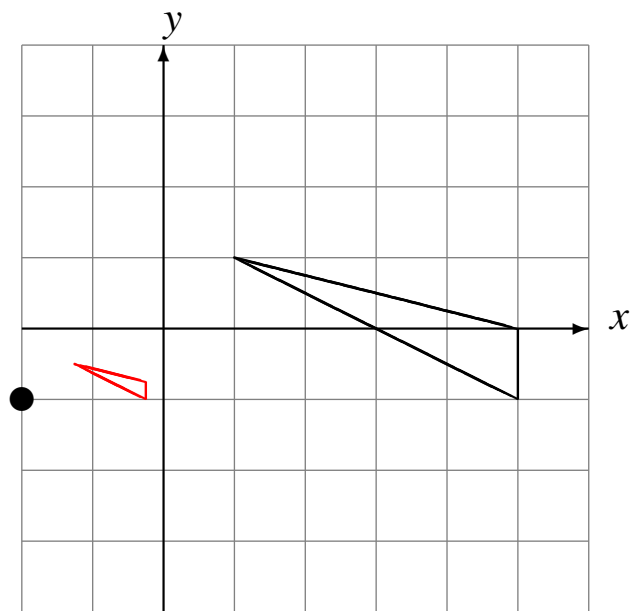
Dilations (F) Answers

Draw the dilated image.

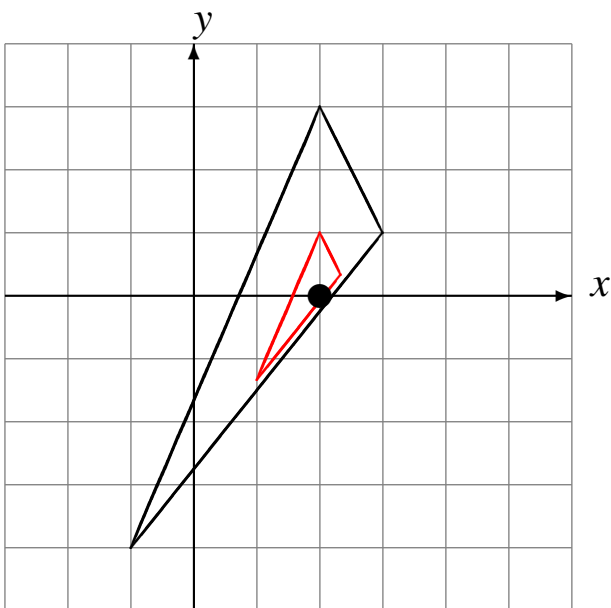
Dilate by $\frac{1}{2}$ using center (1, 3).



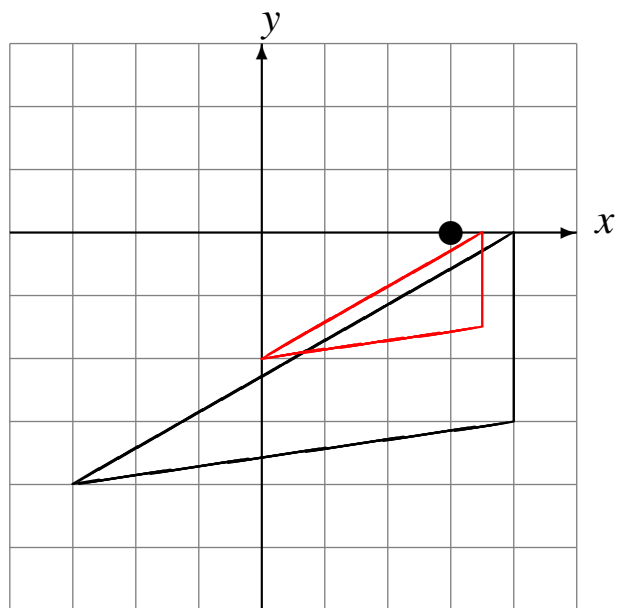
Dilate by $\frac{1}{4}$ using center (-2, -1).



Dilate by $\frac{1}{3}$ using center (2, 0).



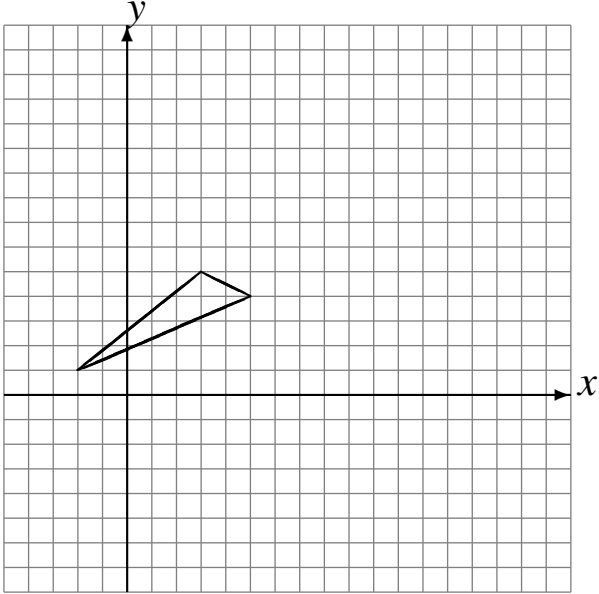
Dilate by $\frac{1}{2}$ using center (3, 0).



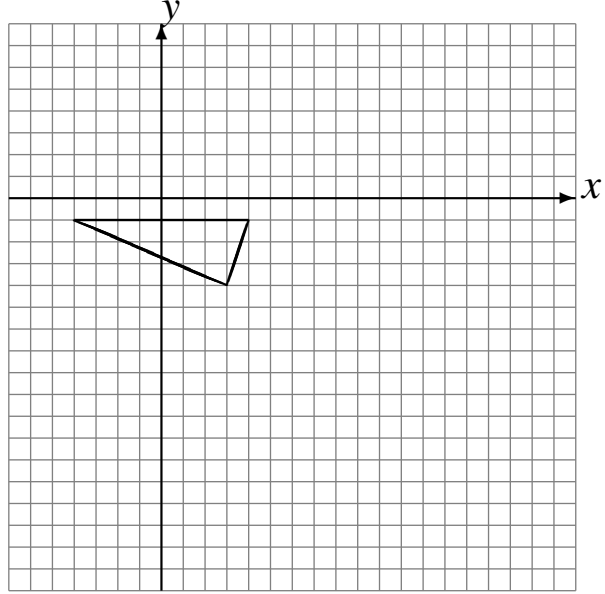
Dilations (G)

Draw the dilated image.

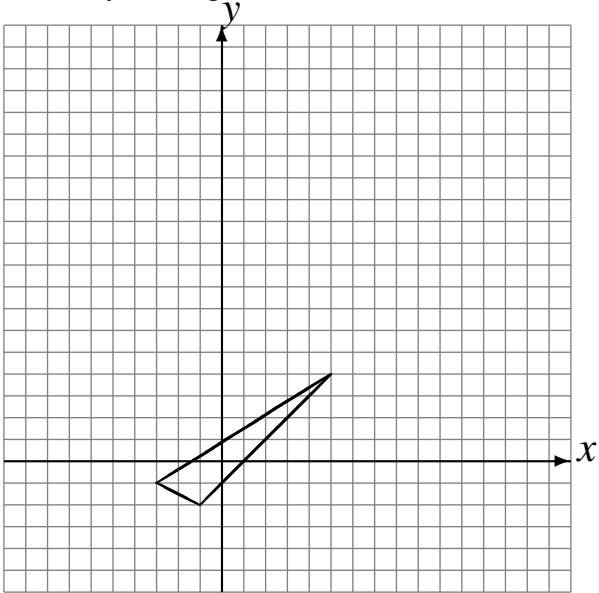
Dilate by 3 using center $(-1, 3)$.



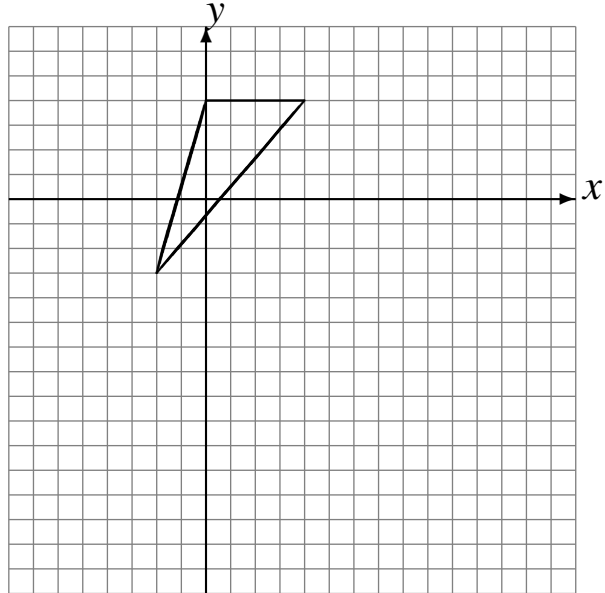
Dilate by 3 using center $(-3, -1)$.



Dilate by 3 using center $(0, -2)$.



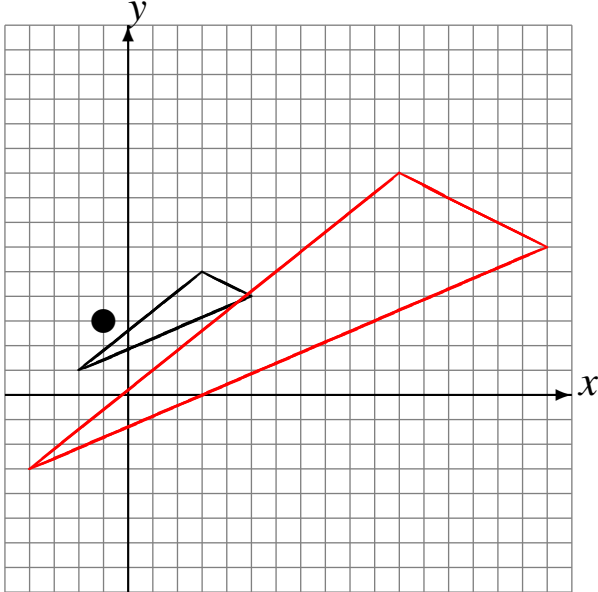
Dilate by 3 using center $(0, 3)$.



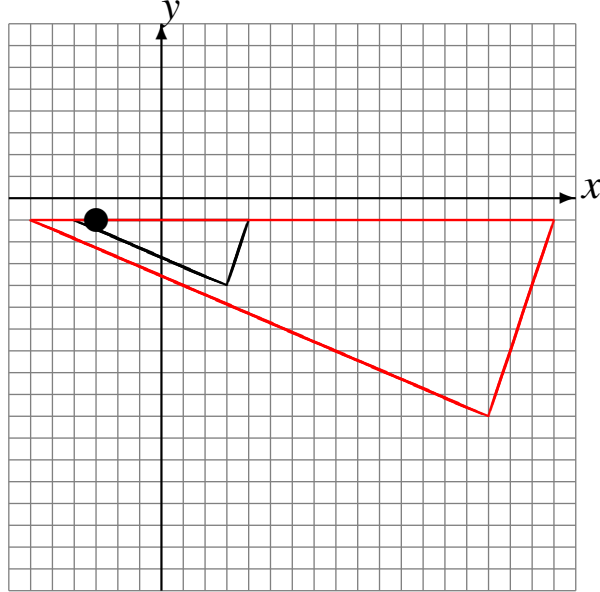
Dilations (G) Answers

Draw the dilated image.

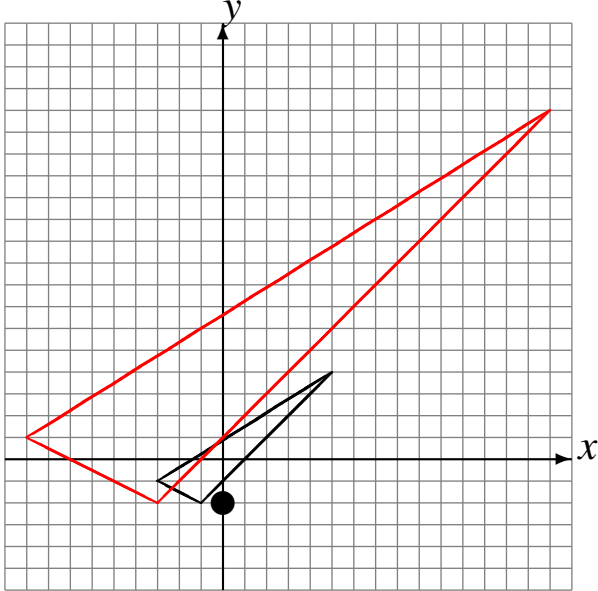
Dilate by 3 using center $(-1, 3)$.



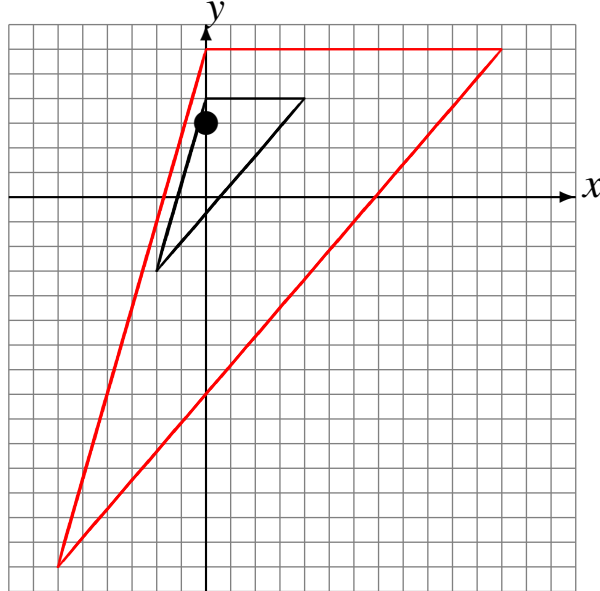
Dilate by 3 using center $(-3, -1)$.



Dilate by 3 using center $(0, -2)$.



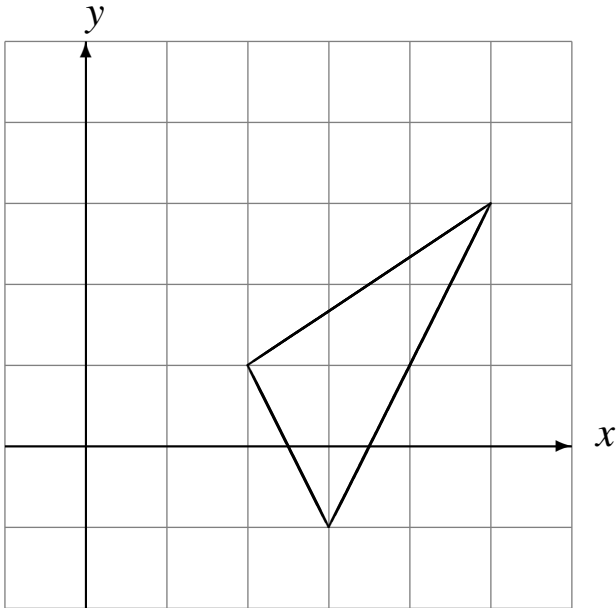
Dilate by 3 using center $(0, 3)$.



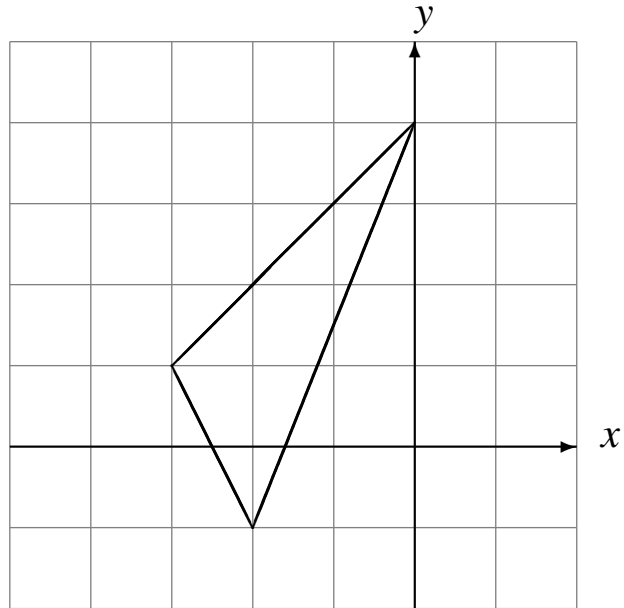
Dilations (H)

Draw the dilated image.

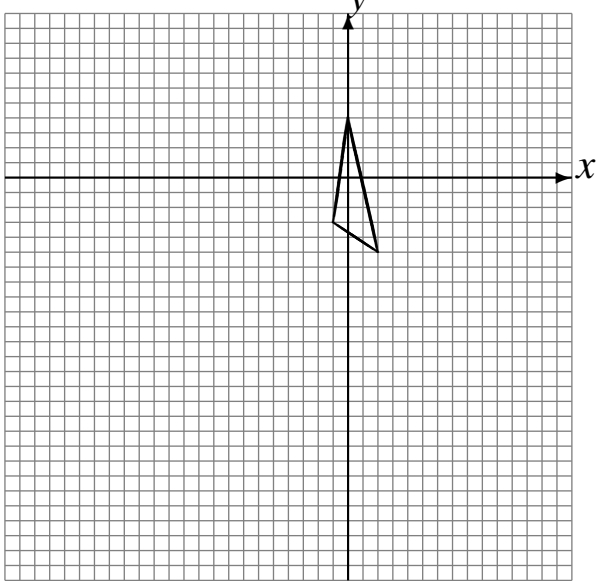
Dilate by $\frac{1}{4}$ using center $(0, 2)$.



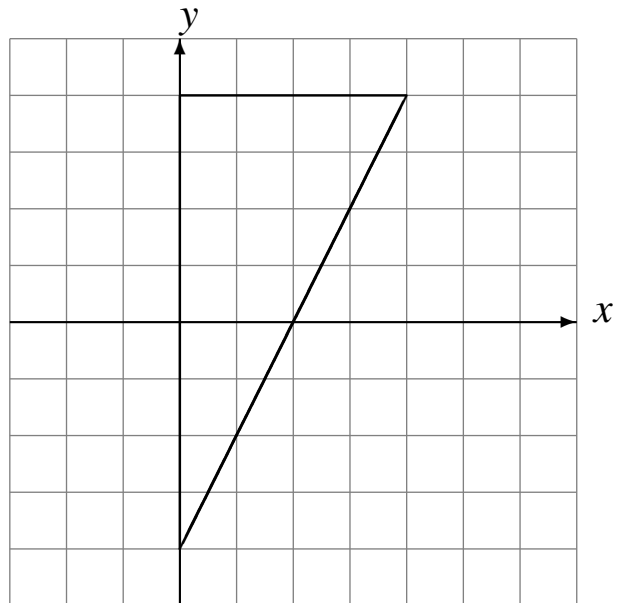
Dilate by $\frac{1}{3}$ using center $(-1, -2)$.



Dilate by 4 using center $(2, 2)$.



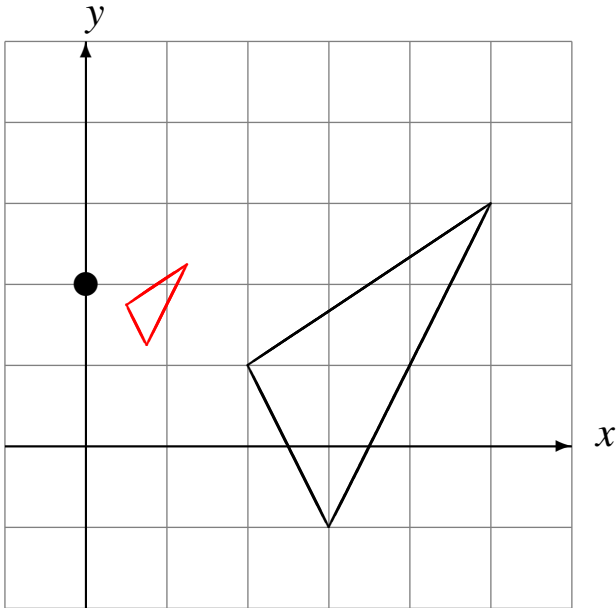
Dilate by $\frac{1}{4}$ using center $(0, -1)$.



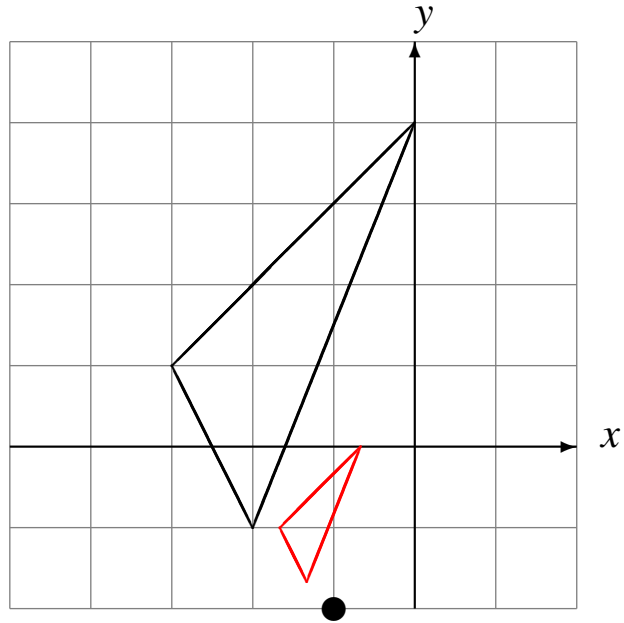
Dilations (H) Answers

Draw the dilated image.

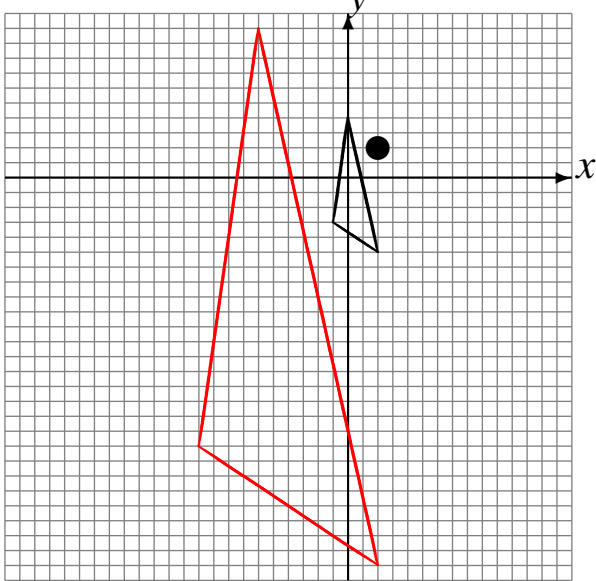
Dilate by $\frac{1}{4}$ using center $(0, 2)$.



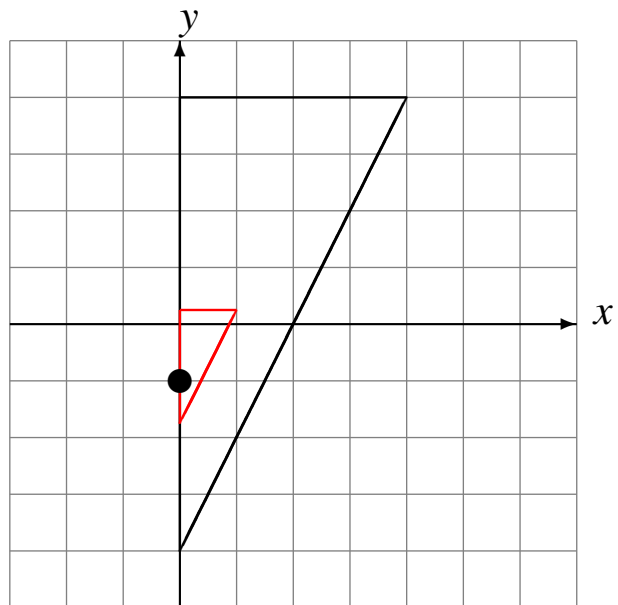
Dilate by $\frac{1}{3}$ using center $(-1, -2)$.



Dilate by 4 using center $(2, 2)$.



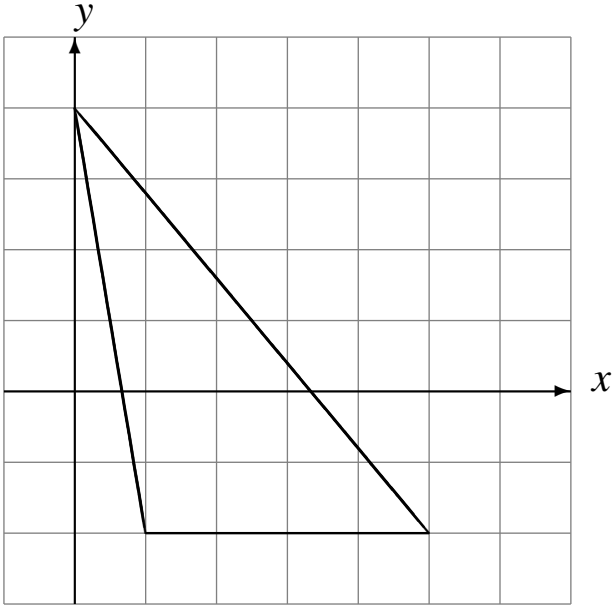
Dilate by $\frac{1}{4}$ using center $(0, -1)$.



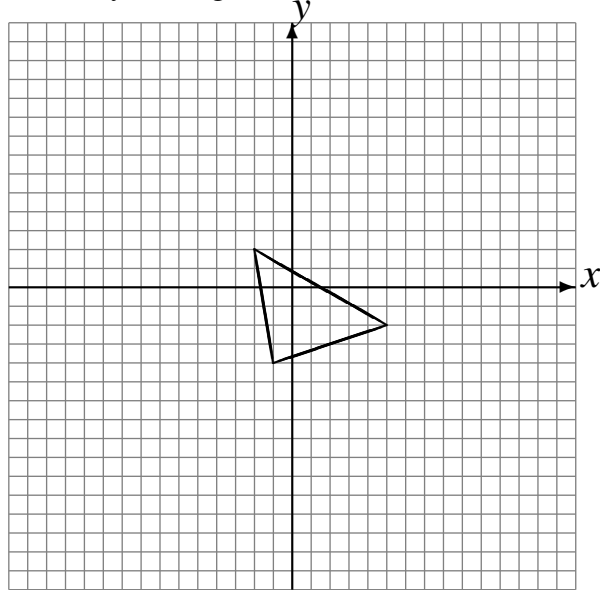
Dilations (I)

Draw the dilated image.

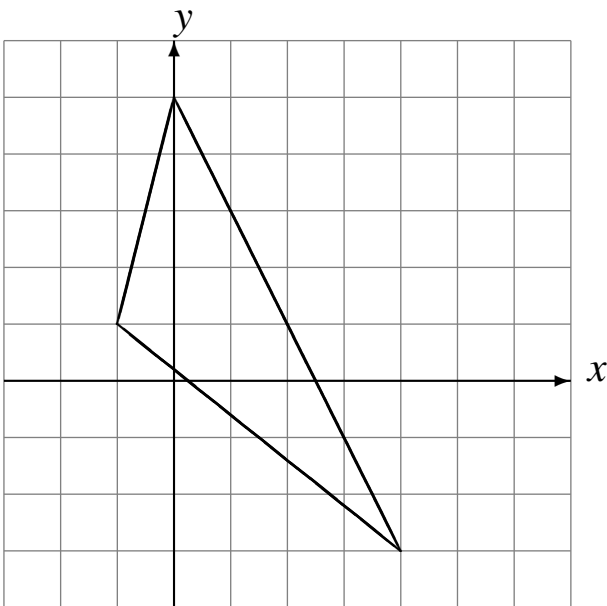
Dilate by $\frac{1}{4}$ using center (2, 3).



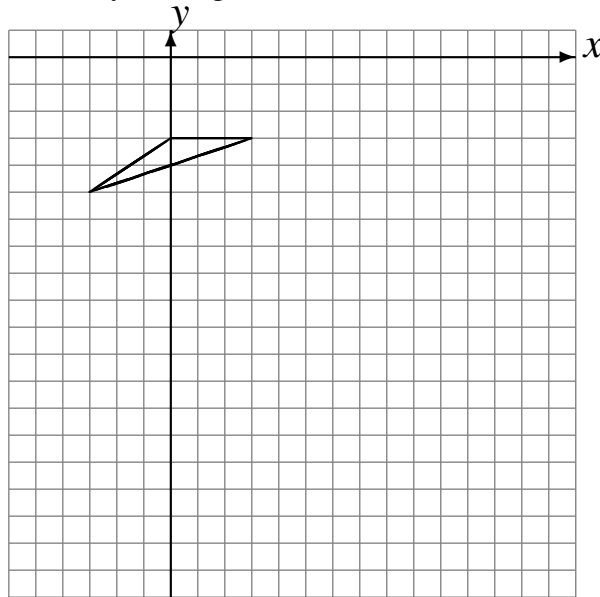
Dilate by 4 using center (2, -1).



Dilate by $\frac{1}{3}$ using center (3, -1).



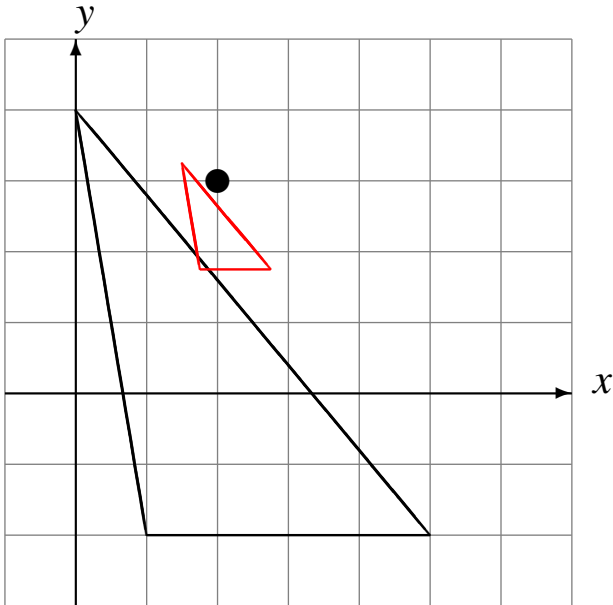
Dilate by 3 using center (-2, 2).



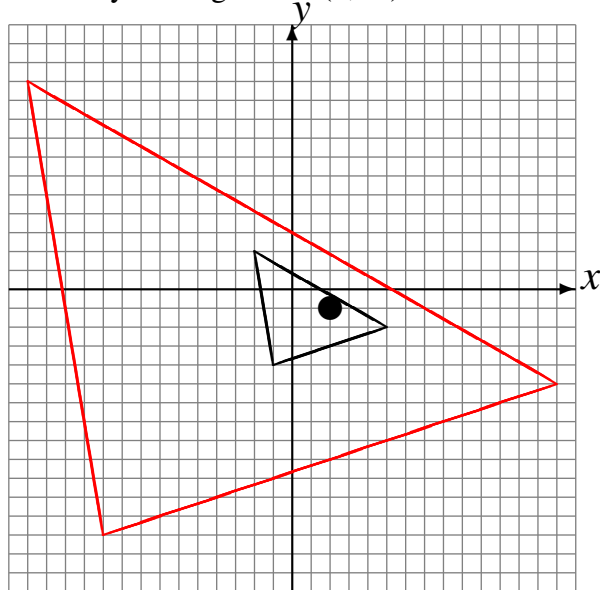
Dilations (I) Answers

Draw the dilated image.

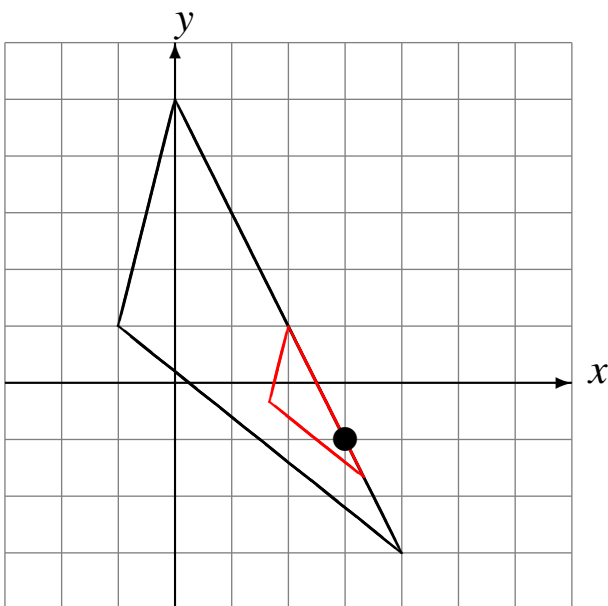
Dilate by $\frac{1}{4}$ using center (2, 3).



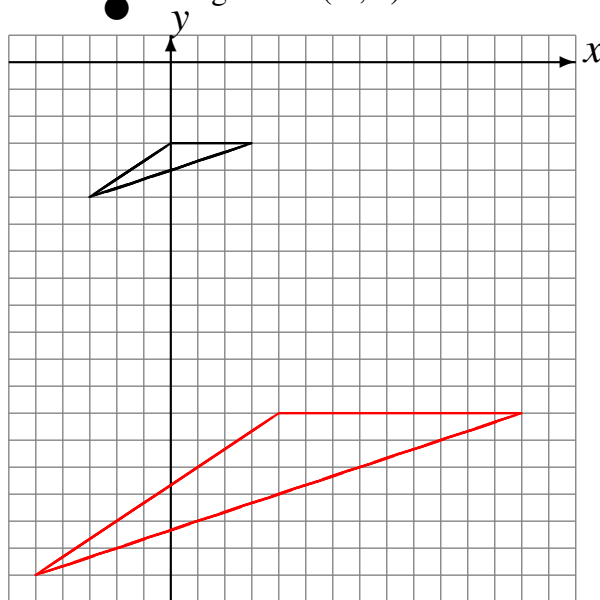
Dilate by 4 using center (2, -1).



Dilate by $\frac{1}{3}$ using center (3, -1).



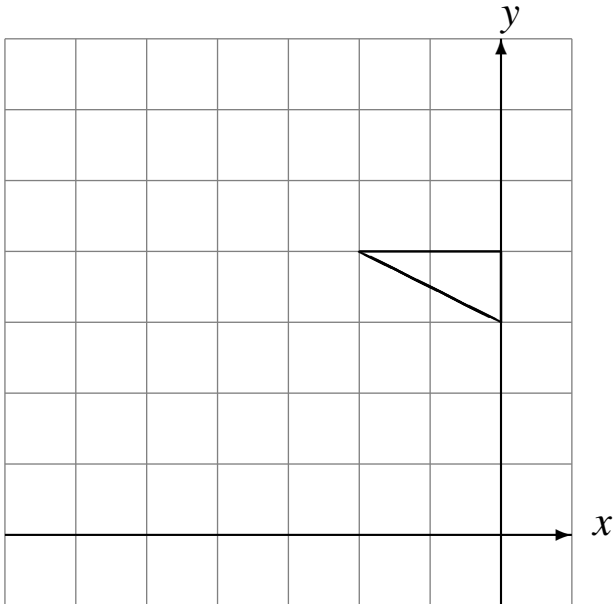
Dilate by 3 using center (-2, 2).



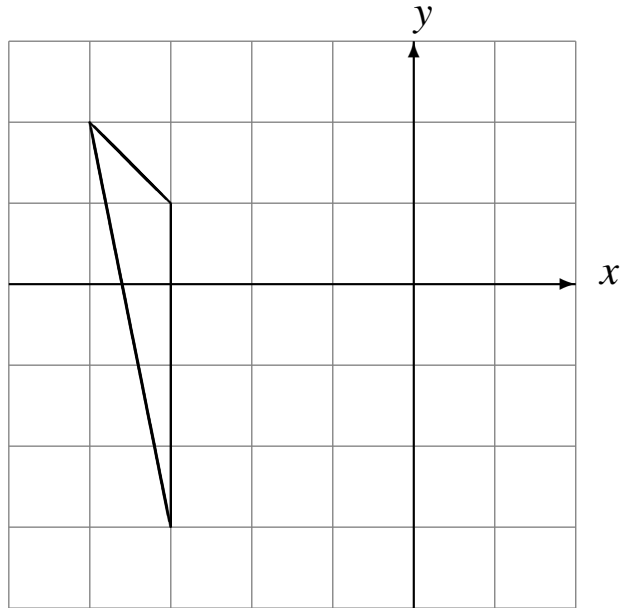
Dilations (J)

Draw the dilated image.

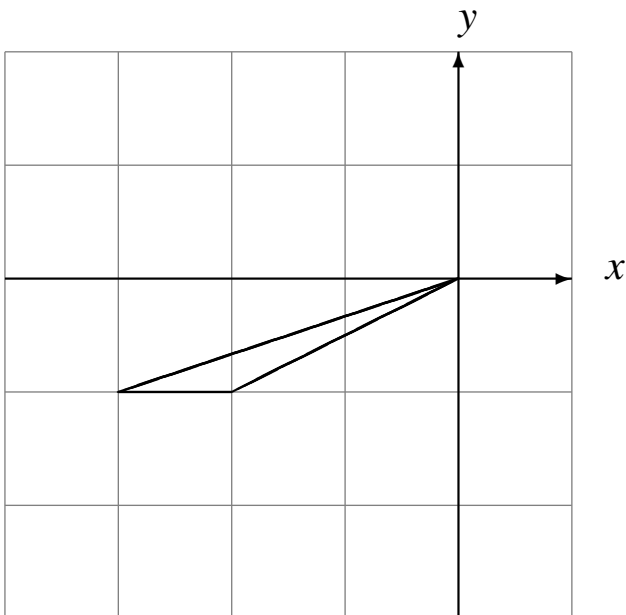
Dilate by 3 using center (0, 3).



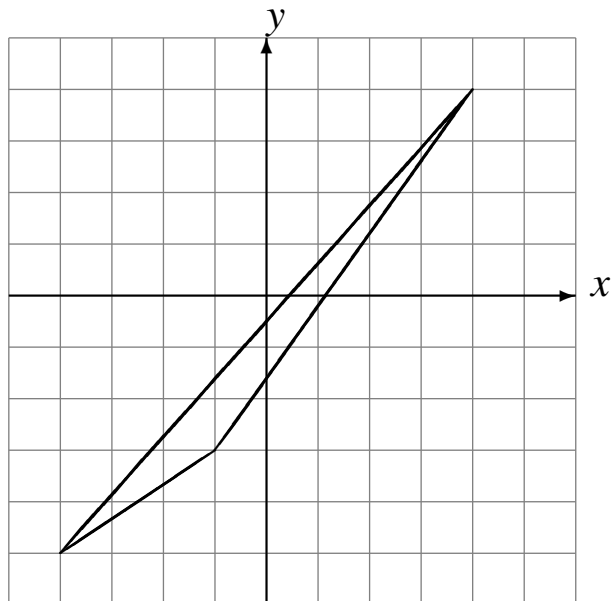
Dilate by $\frac{1}{4}$ using center (2, -3).



Dilate by $\frac{1}{4}$ using center (-1, 0).



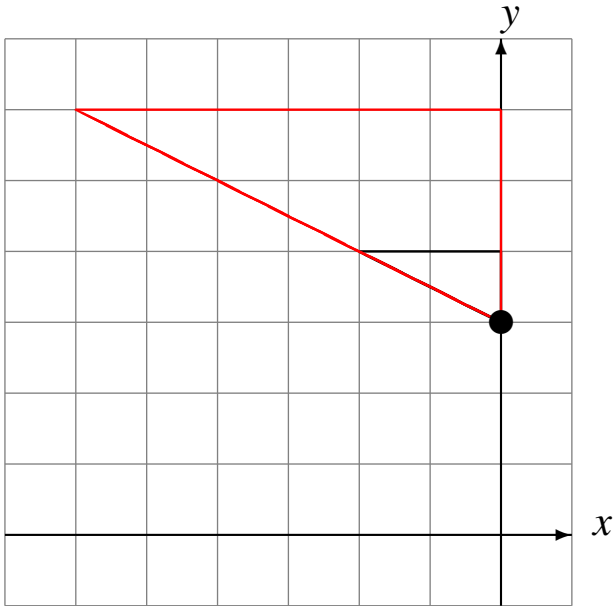
Dilate by $\frac{1}{2}$ using center (1, 3).



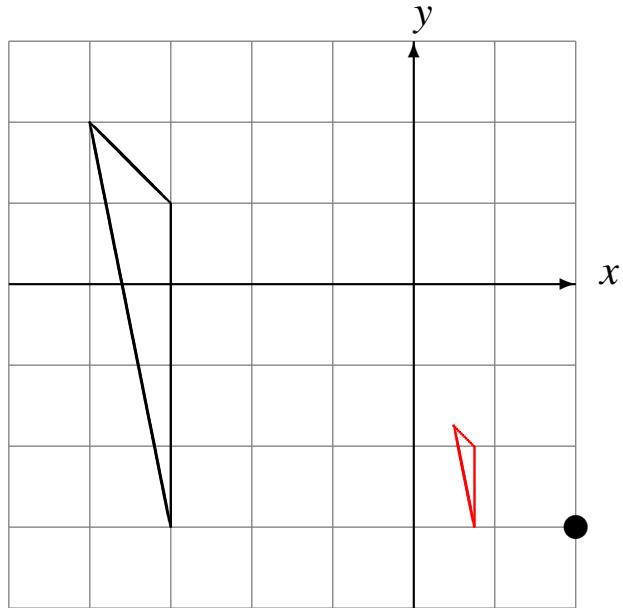
Dilations (J) Answers

Draw the dilated image.

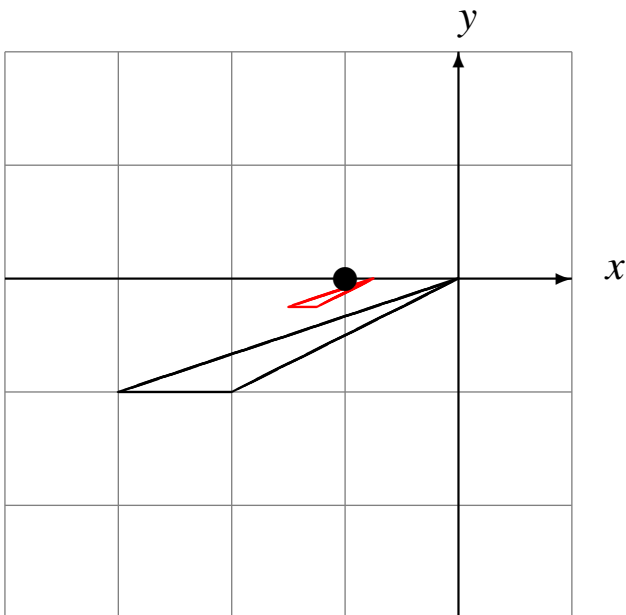
Dilate by 3 using center (0, 3).



Dilate by $\frac{1}{4}$ using center (2, -3).



Dilate by $\frac{1}{4}$ using center (-1, 0).



Dilate by $\frac{1}{2}$ using center (1, 3).

