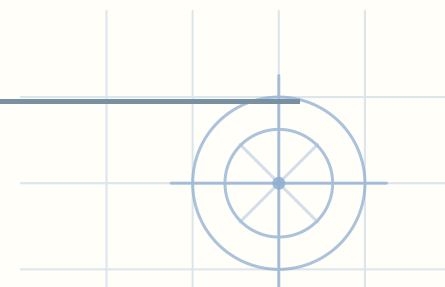


Transformations — Rotating about the origin

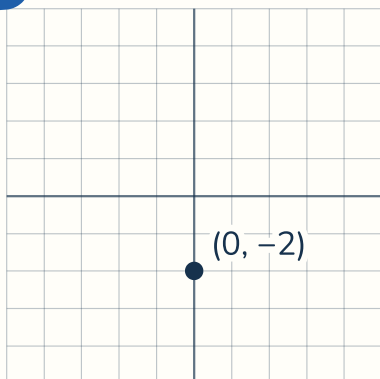
Name: _____

Date: _____

Rotate each point about the origin. Write where it lands.



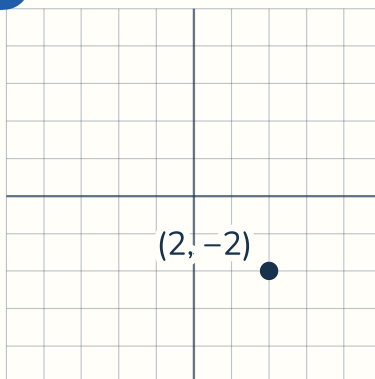
1



180° about O

(__, __)

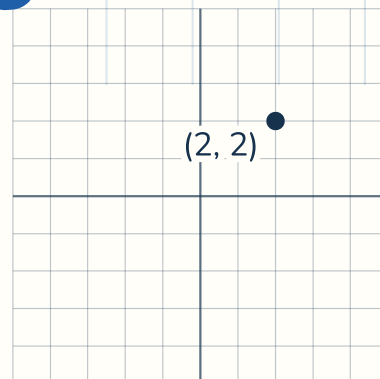
2



90° clockwise about O

(__, __)

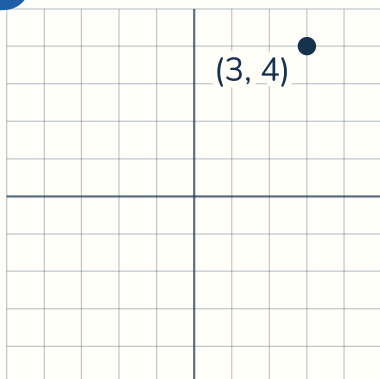
3



90° clockwise about O

(__, __)

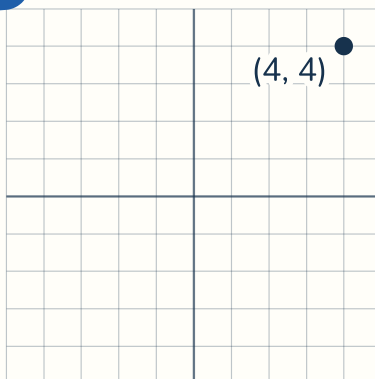
4



180° about O

(__, __)

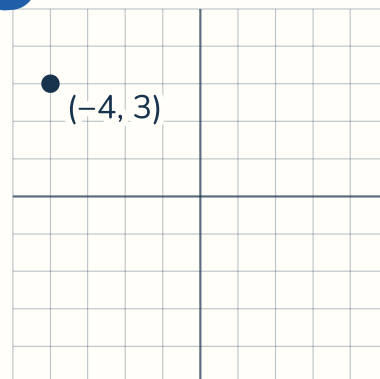
5



90° counterclockwise
about O

(__, __)

6



180° about O

(__, __)



Transformations · Rotating about the origin — Answer key

1. $(0, -2)$ 180° about O: $(0, 2)$

2. $(2, -2)$ 90° clockwise about O: $(-2, -2)$

3. $(2, 2)$ 90° clockwise about O: $(2, -2)$

4. $(3, 4)$ 180° about O: $(-3, -4)$

5. $(4, 4)$ 90° counterclockwise about O: $(-4, 4)$

6. $(-4, 3)$ 180° about O: $(4, -3)$

