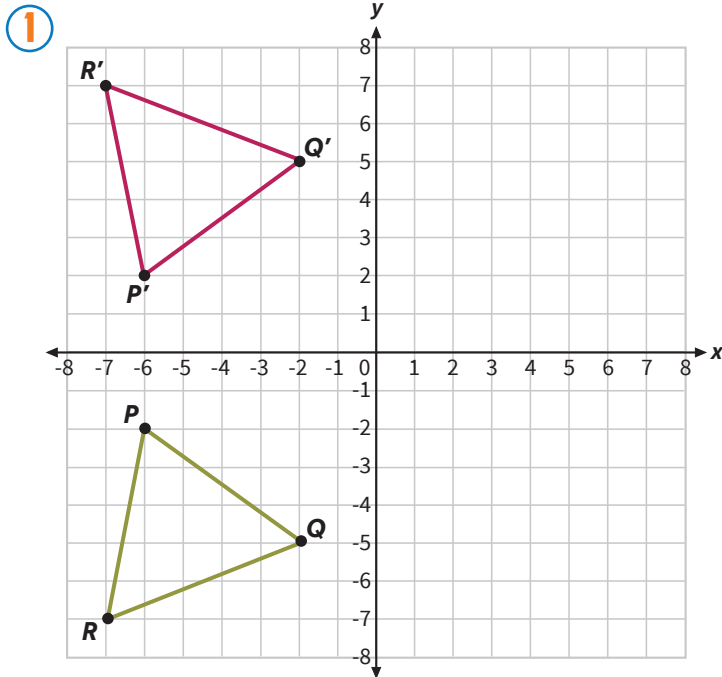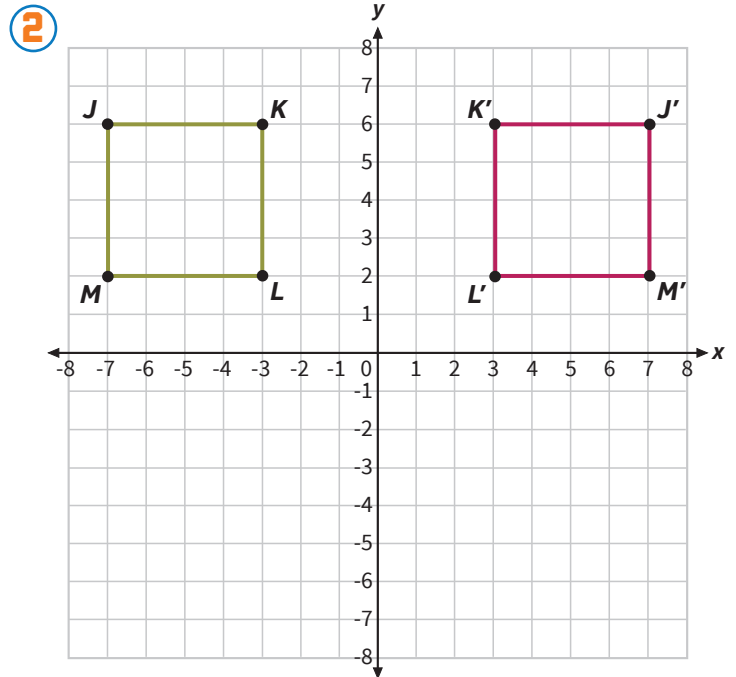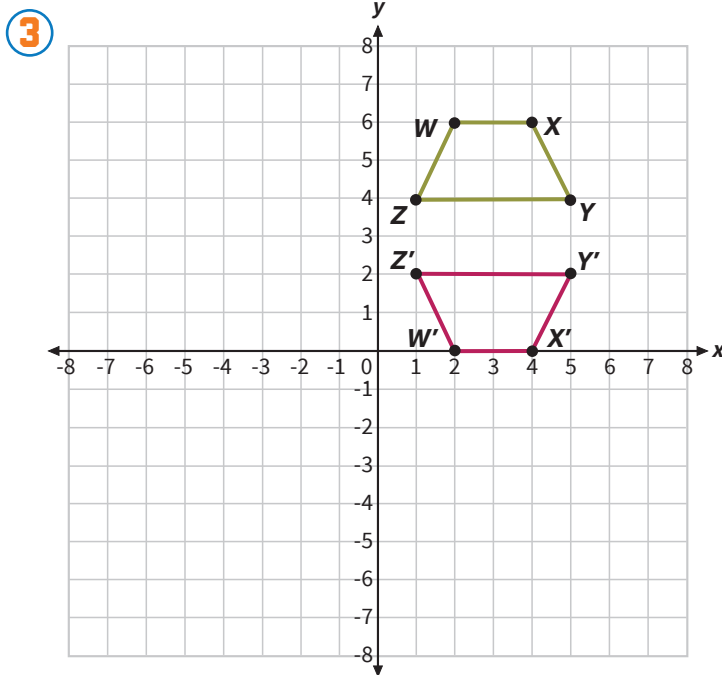# DESCRIBING REFLECTIONS

Each coordinate plane below shows a preimage and its reflected image. Write a sentence to describe each reflection. The first problem has been completed for you. Sample answers
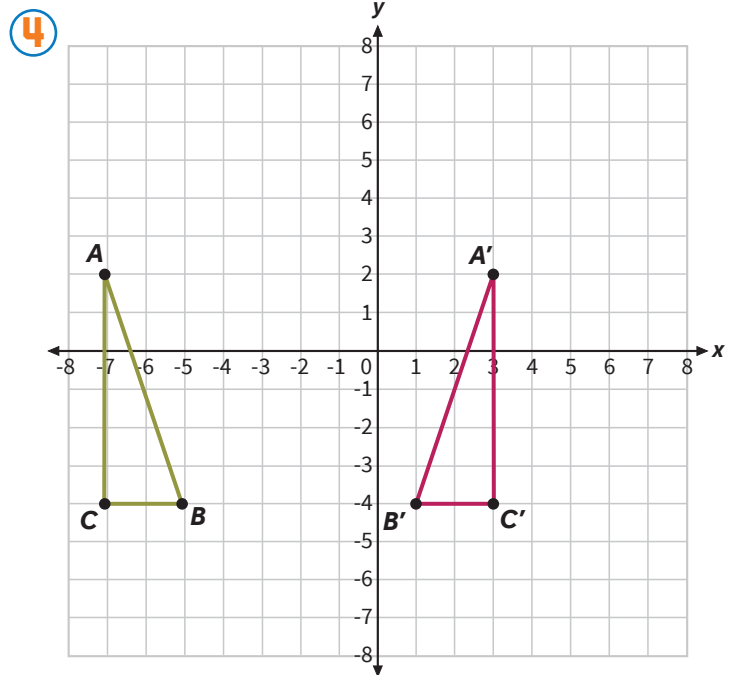
1

Triangle *PQR* was reflected over the *x*-axis to form triangle *P'Q'R'*.

2

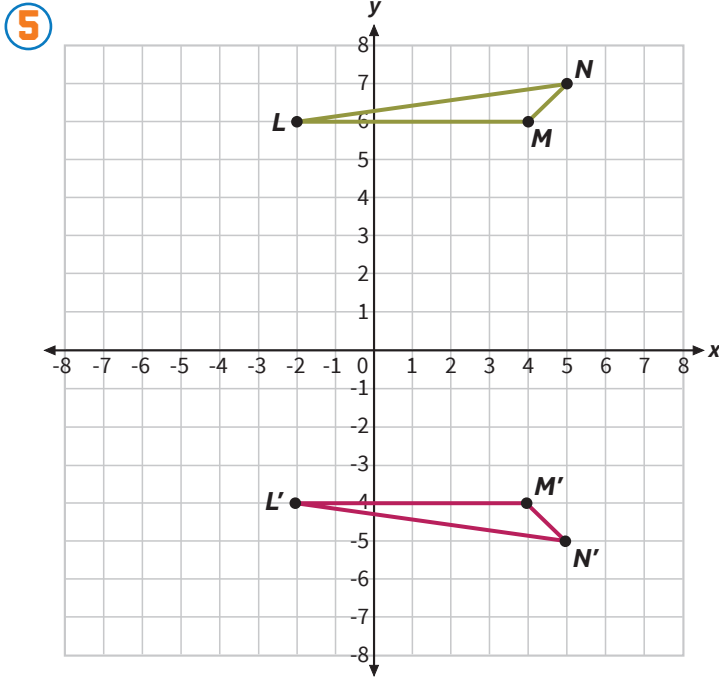Square *JKLM* was reflected over the *y*-axis to form square *J'K'L'M'*.

3

Trapezoid *WXYZ* was reflected over the line *y* = 3 to form trapezoid *W'X'Y'Z'*.
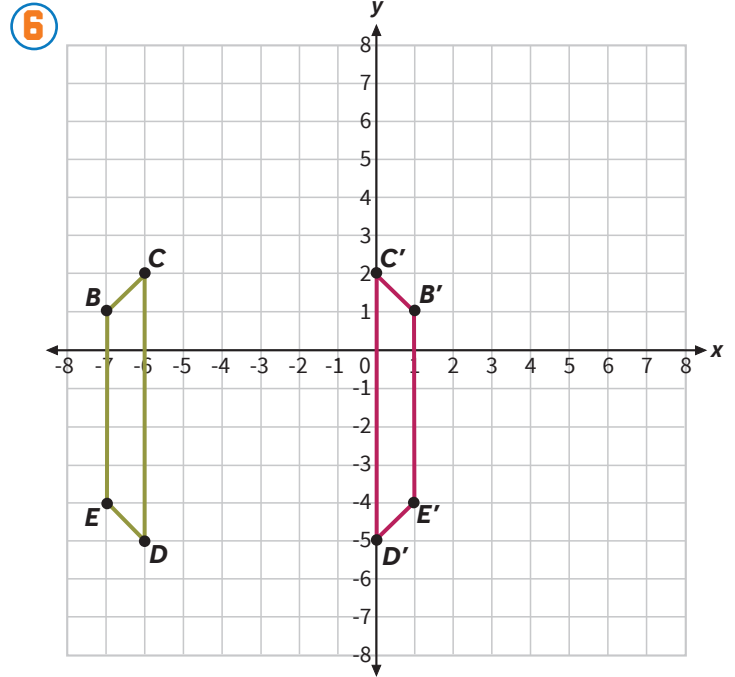
4

Triangle *ABC* was reflected over the line *x* = -2 to form triangle *A'B'C'*.
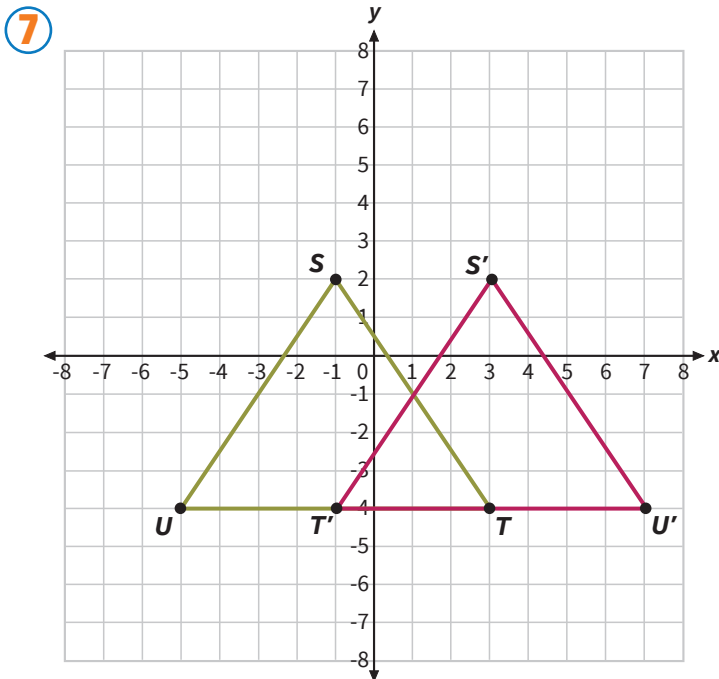
DESCRIBING REFLECTIONS

KEEP GOING! Each coordinate plane below shows a preimage and its reflected image. Write a sentence to describe each reflection. Sample answers
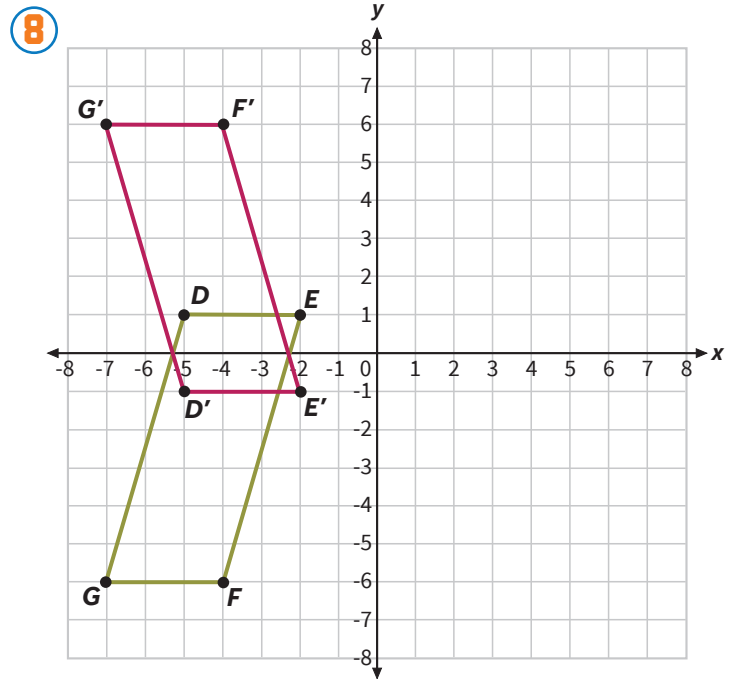
5

Triangle *LMN* was reflected over the line $y = 1$ to form triangle *L'M'N'*.

6

Trapezoid *BCDE* was reflected over the line $x = -3$ to form trapezoid *B'C'D'E'*.

7

Triangle *STU* was reflected over the line $x = 1$ to form triangle *S'T'U'*.

8

Parallelogram *DEFG* was reflected over the *x*-axis to form parallelogram *D'E'F'G'*.