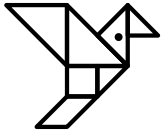


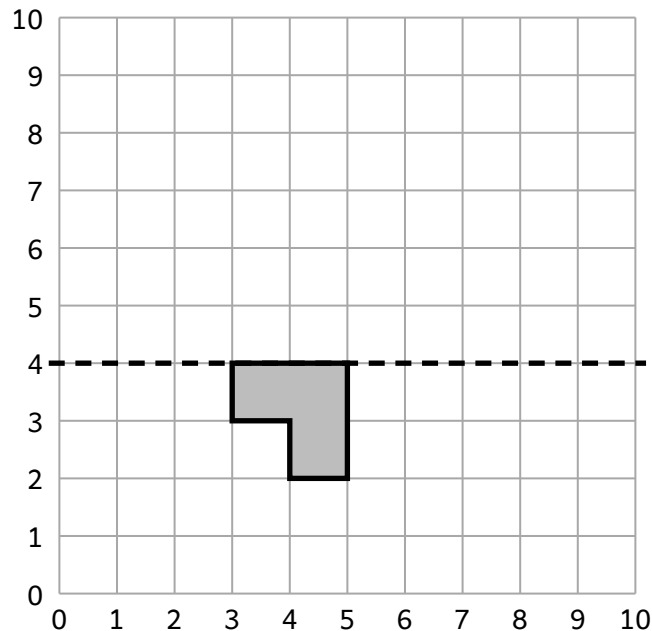


Learn a new puzzle

Move It



Flip over the line $y = 4$. Draw where the shape lands.



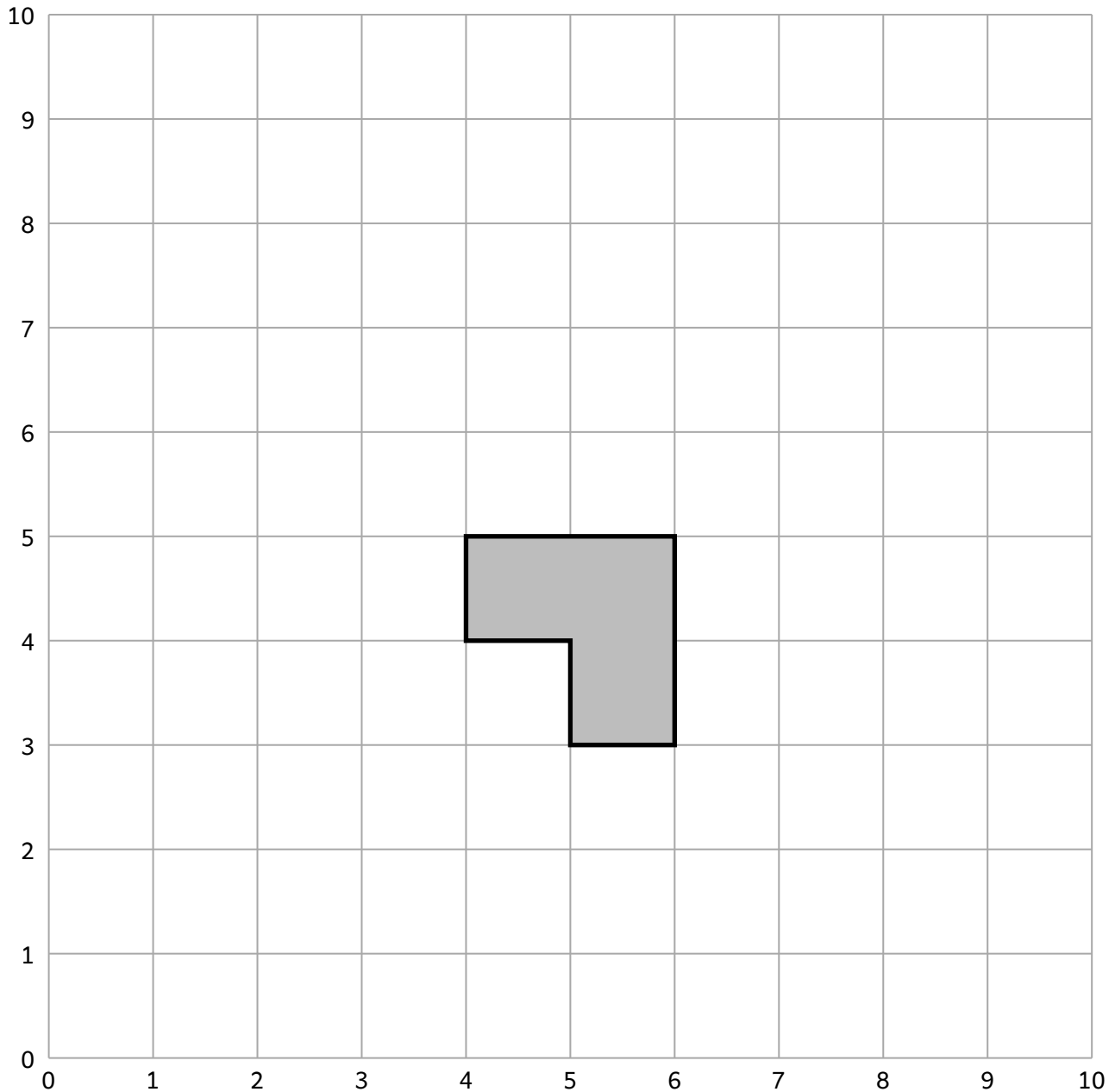
- 1 Move one corner at a time. Mark where it lands.
- 2 A flip: each corner goes the same distance to the other side of the line.
- 3 A quarter turn: across becomes up and down.



Which corner will you move first?

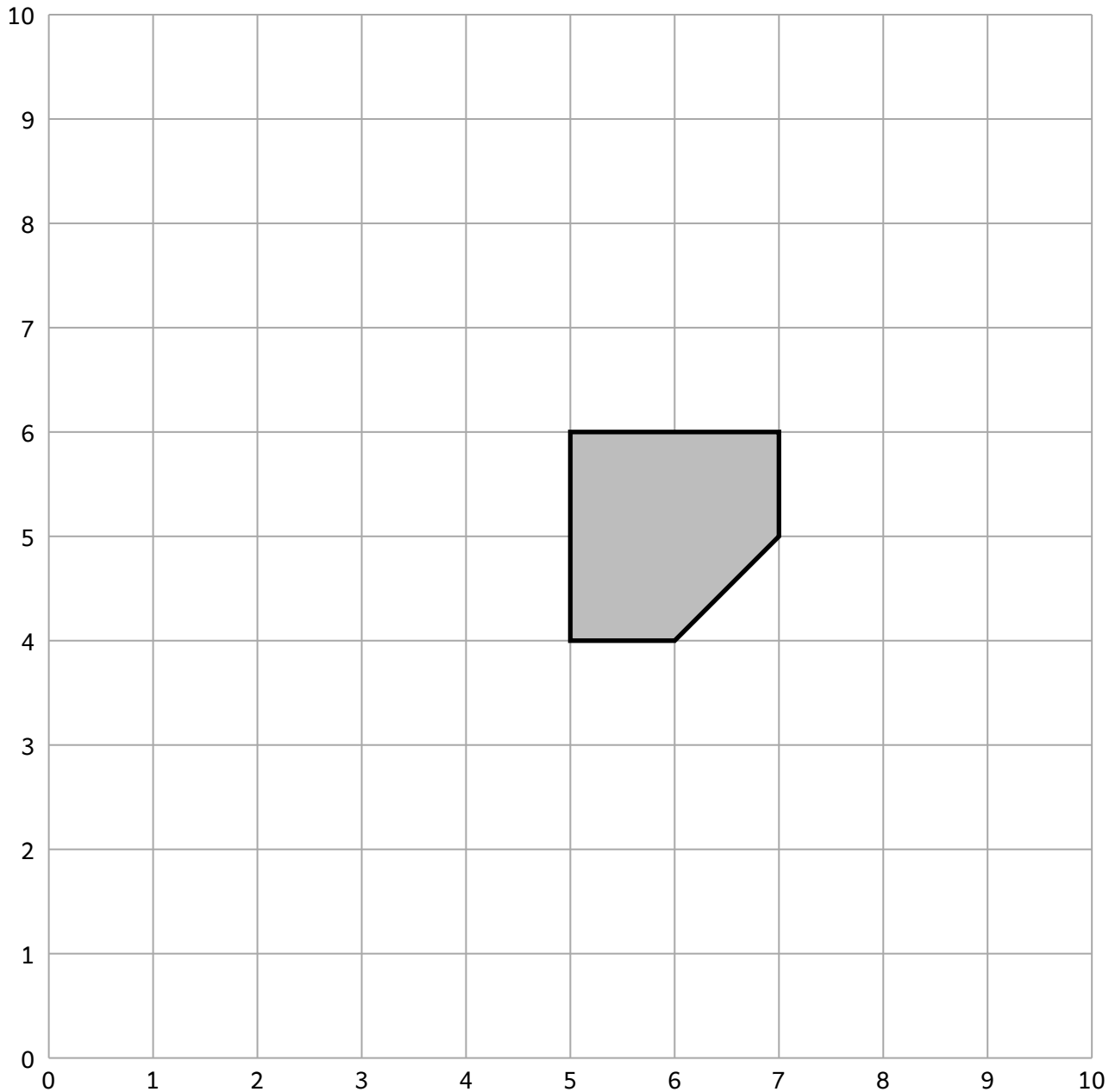


- 1 **Move It** Slide 2 up. Draw where the shape lands.



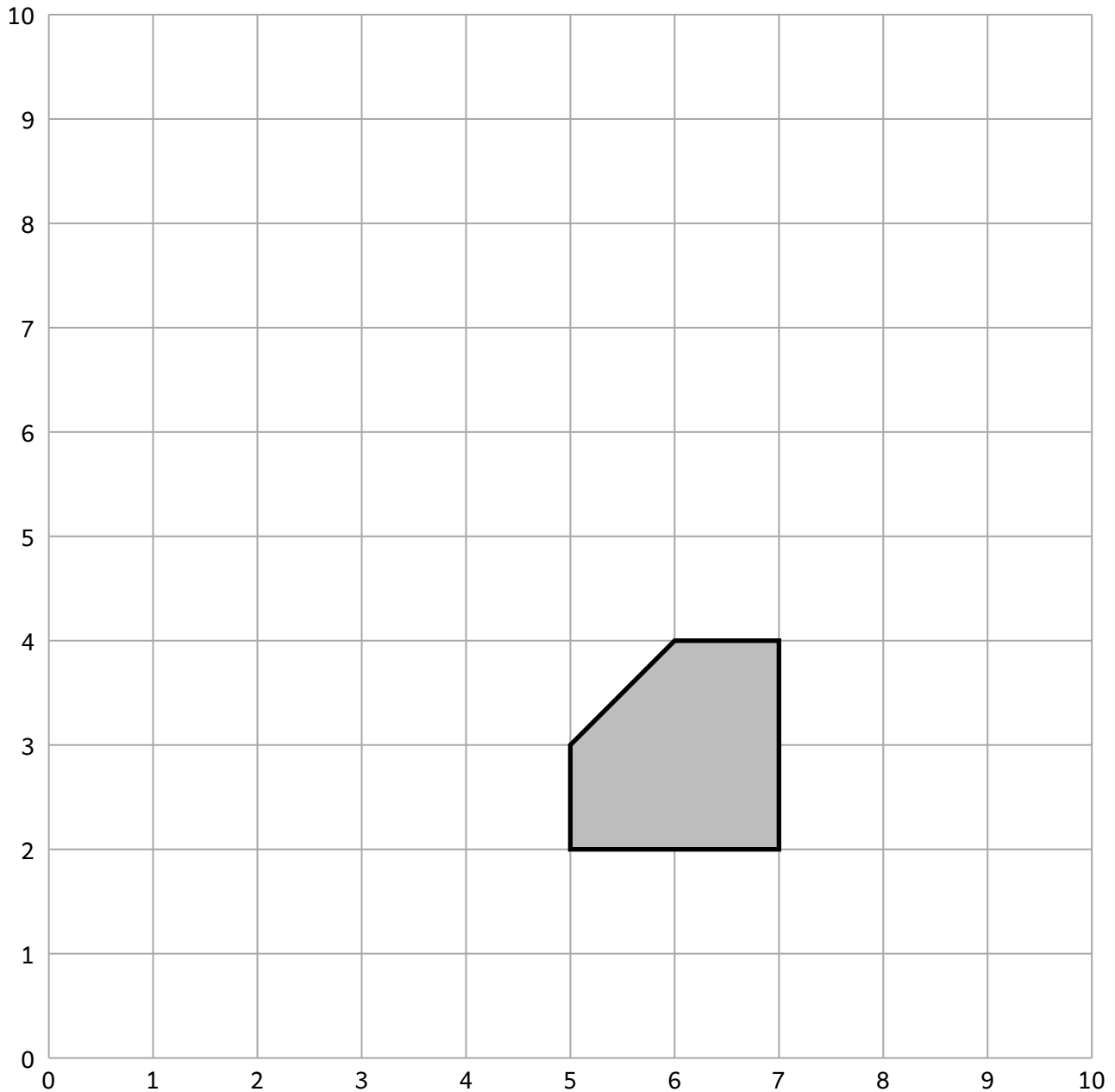


Move It Slide 3 left. Draw where the shape lands.





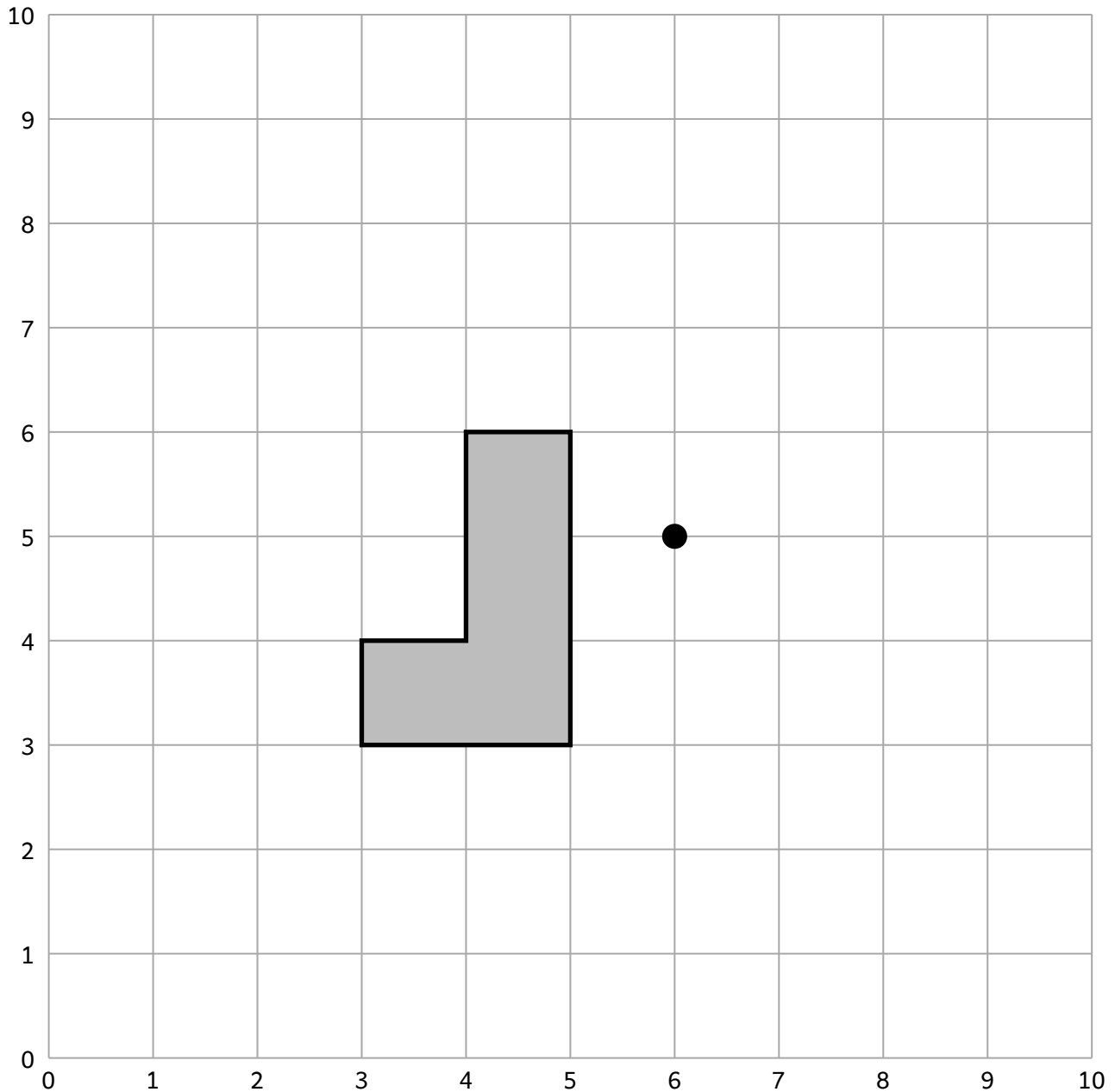
Move It Slide 3 right and 3 up. Draw where the shape lands.





4

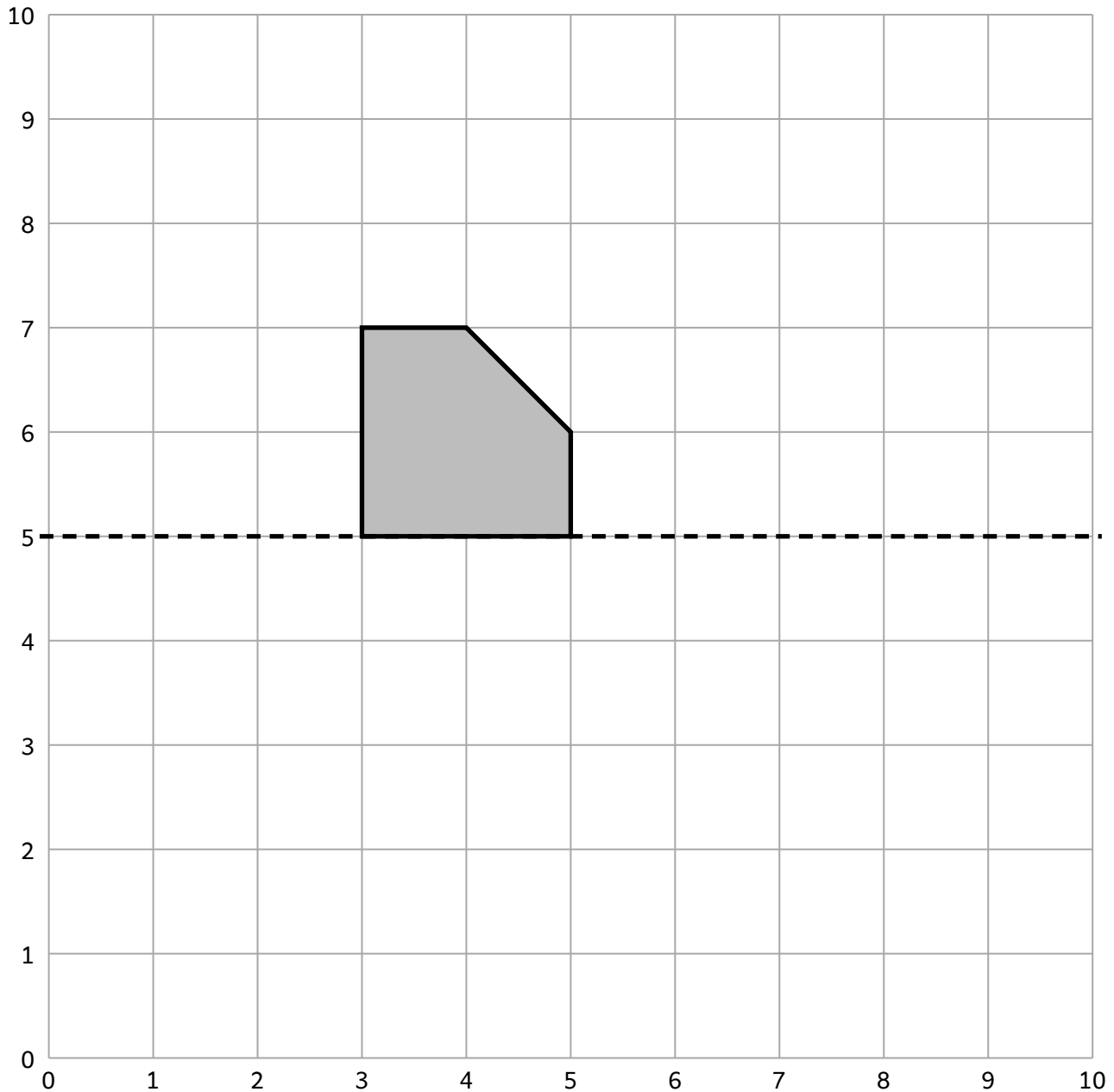
Move It Quarter turn counterclockwise about (6, 5). Draw where the shape lands.





5

Move It Slide 4 down; then flip over the line $y = 5$. Draw where the shape lands.

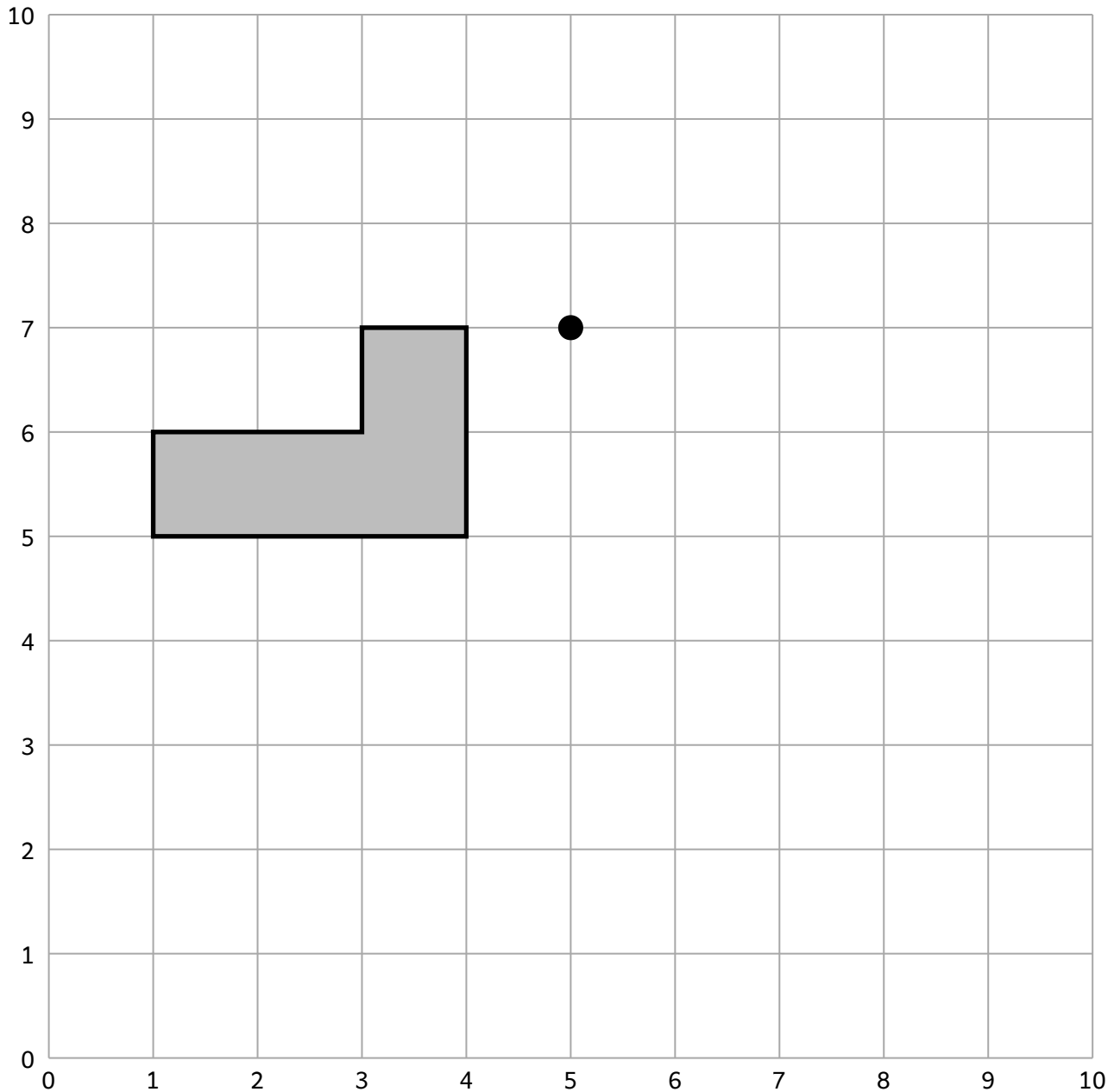




6

Move It

Quarter turn counterclockwise about (5, 7); then slide 1 right and 3 down. Draw where the shape lands.

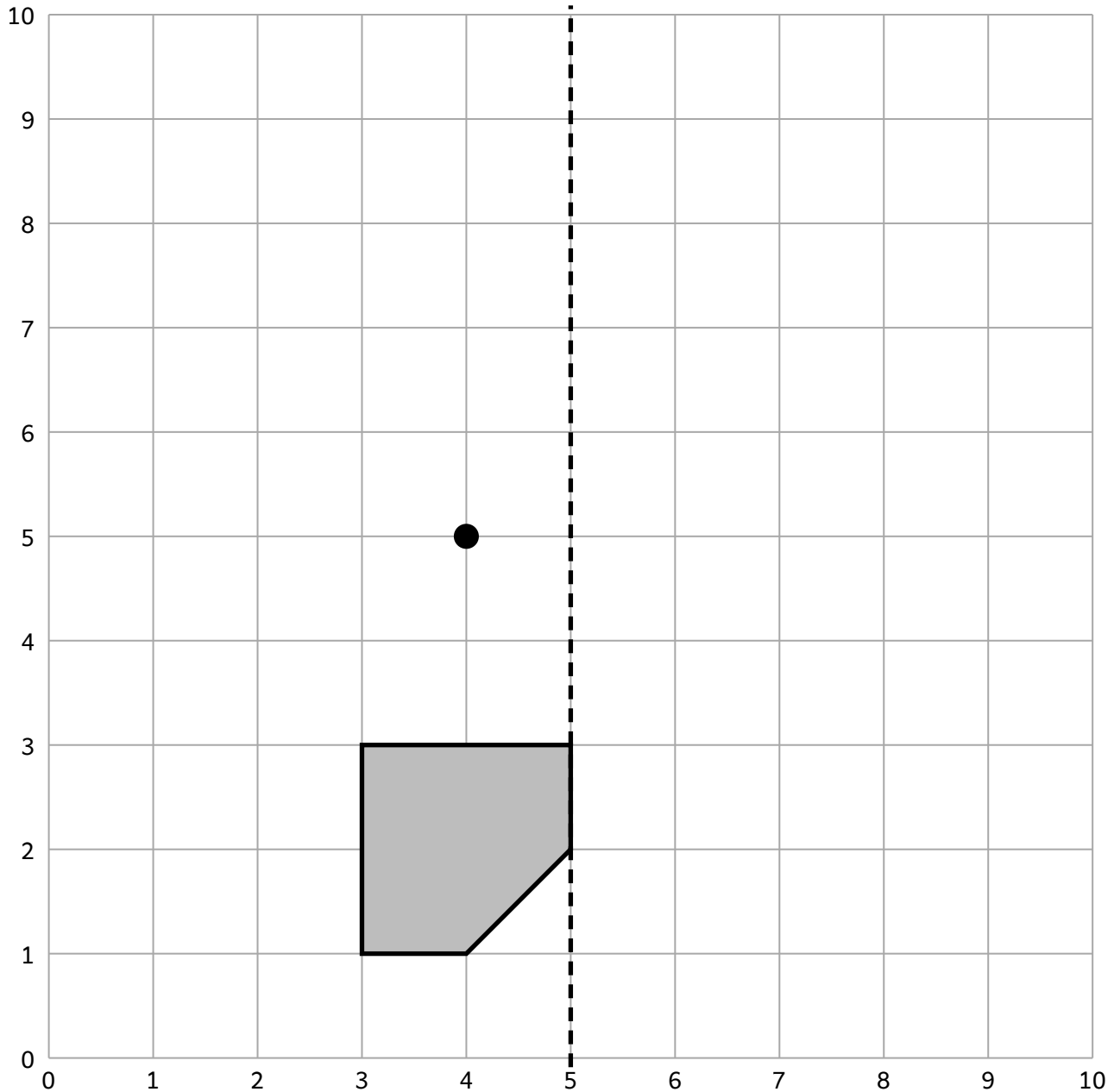




7

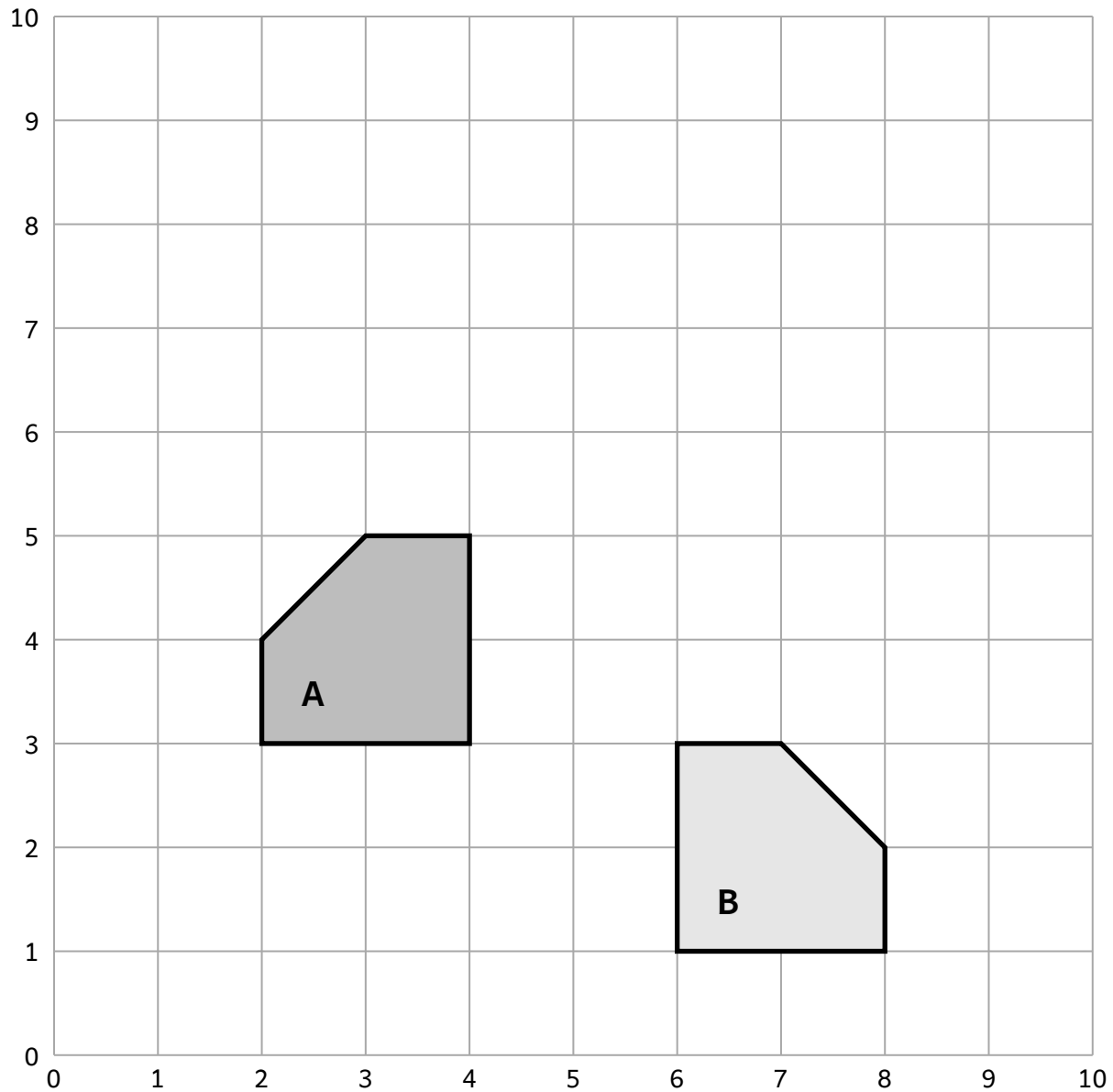
Move It

Quarter turn clockwise about (4, 5); then flip over the line $x = 5$. Draw where the shape lands.



**8****Move It**

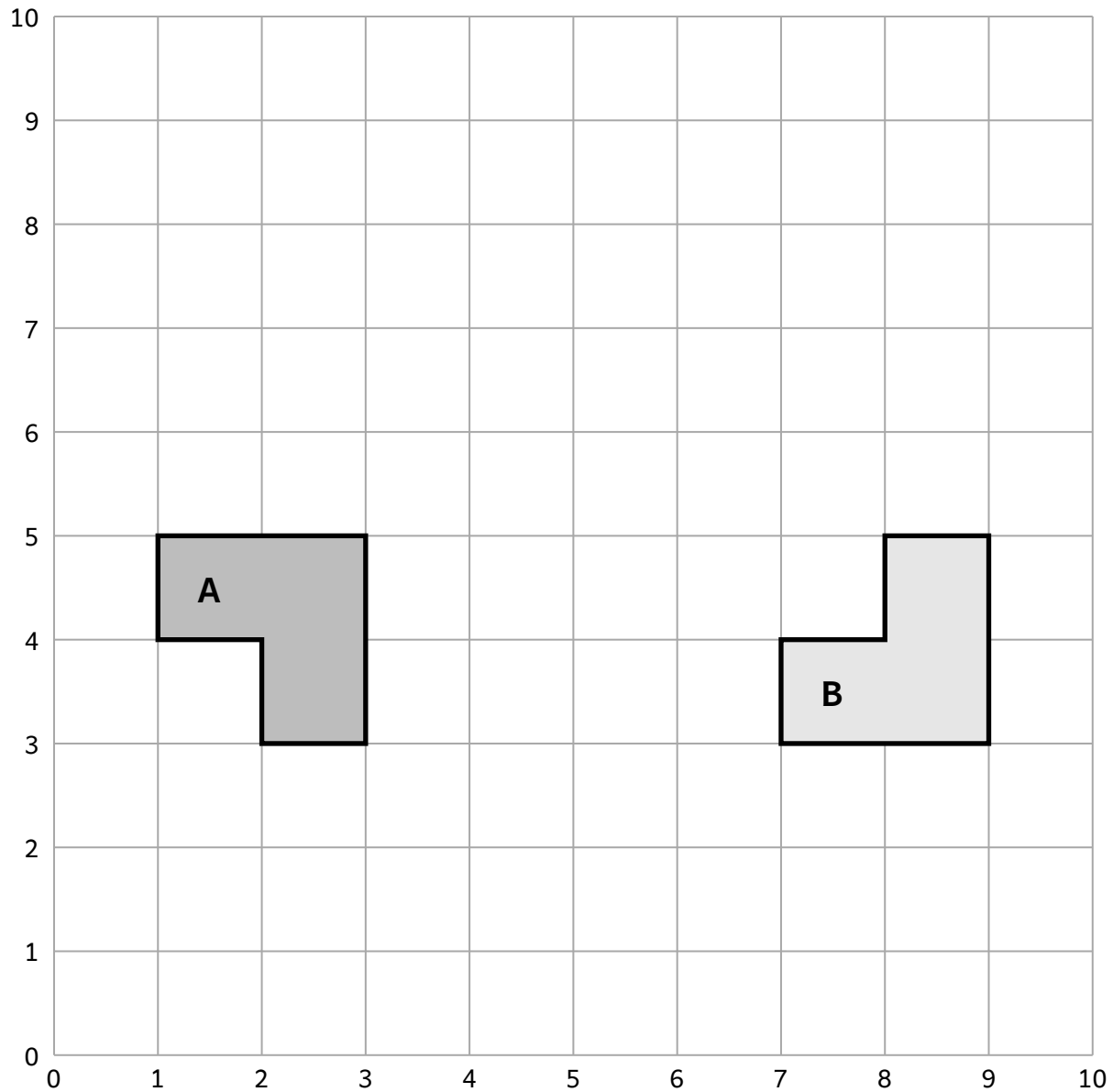
Shape A was moved twice and landed on B. Which ONE move does the same: 1, 2 or 3?



1. Quarter turn clockwise about (4, 1)
2. Flip over the line $x = 3$
3. Slide 3 right and 3 down

**9****Move It**

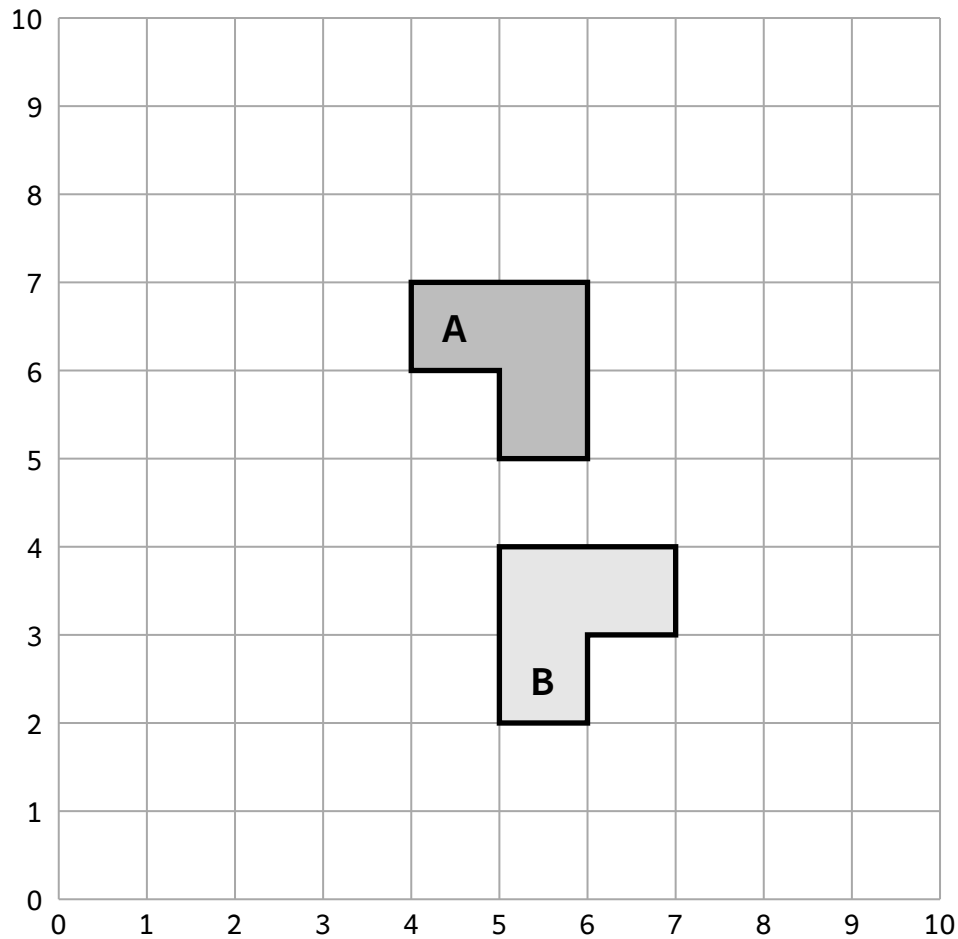
Shape A was moved twice and landed on B. Which ONE move does the same: 1, 2 or 3?



1. Quarter turn clockwise about (5, 1)
2. Flip over the line $y = 4$
3. Quarter turn clockwise about (3, 4)

**10****Move It**

Shape A was moved twice and landed on B. Which two moves, in order? Pick 1, 2, 3 or 4.



1. Slide 2 left and 4 down, then quarter turn counterclockwise about (5, 4)
2. Slide 2 left and 4 down, then quarter turn counterclockwise about (4, 4)
3. Slide 2 right and 4 down, then quarter turn counterclockwise about (4, 4)
4. Slide 2 left and 4 down, then quarter turn clockwise about (4, 4)

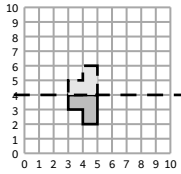


Answers

 For grown-ups. Cut off or keep this page aside until the puzzles are done.

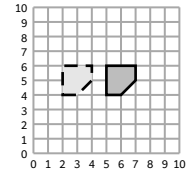
Learn · Move It

#1



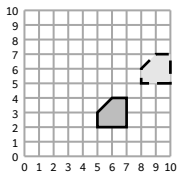
Move one corner at a time, then join the corners. Slide 2 up.

#2



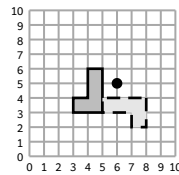
Move one corner at a time, then join the corners. Slide 3 left.

#3



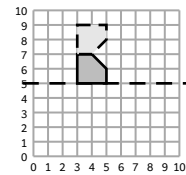
Move one corner at a time, then join the corners. Slide 3 right and 3 up.

#4



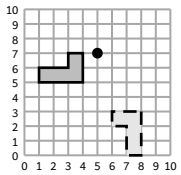
Move one corner at a time, then join the corners. Quarter turn counterclockwise about (6, 5).

#5



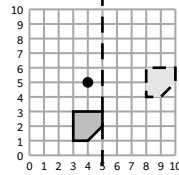
Move one corner at a time, then join the corners. Slide 4 down. Then Flip over the line $y = 5$.

#6



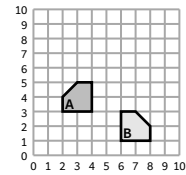
Move one corner at a time, then join the corners. Quarter turn counterclockwise about (5, 7). Then Slide 1 right and 3 down.

#7



Move one corner at a time, then join the corners. Quarter turn clockwise about (4, 5). Then Flip over the line $x = 5$.

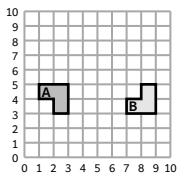
#8



Answer: 1

1: Quarter turn clockwise about (4, 1). Try each choice on shape A: only this one lands exactly on B, every corner in place.

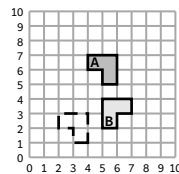
#9



Answer: 1

1: Quarter turn clockwise about (5, 1). Try each choice on shape A: only this one lands exactly on B, every corner in place.

#10



Answer: 2

2: Slide 2 left and 4 down takes A to the dashed shape. Then quarter turn counterclockwise about (4, 4) takes it exactly onto B.