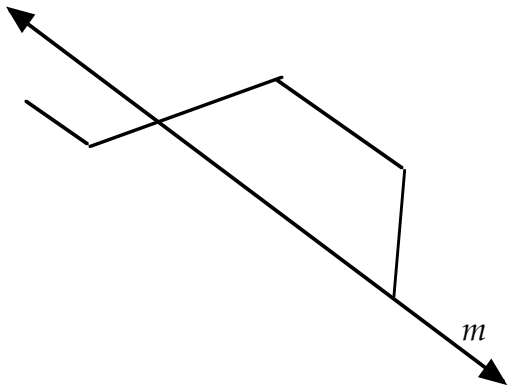


Reflect the shape over line m .



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The coordinates of rectangle ABCD are $(-1,2)$, $(-1,-1)$, $(3,-1)$, and $(3,2)$ respectively. After ABCD is translated, point D ends up at $(-4,1)$. What is the image of A?

- a. $(-2,-5)$
- b. $(-5,-2)$
- c. $(-8,1)$
- d. $(-8,-1)$

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Where is Point P $(-2,-5)$ after it has been reflected over the y -axis and then reflected over the x -axis?

- a. $(5,-2)$
- b. $(2,-5)$
- c. $(-2,5)$
- d. $(2,5)$

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The coordinates of triangle ABC are $(-3,0)$, $(0,-3)$, and $(-3,-3)$ respectively. Find the new coordinates of A, B, and C, after the triangle has been rotated 90 degrees in the clockwise direction around the origin.

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Two regular six-sided dice are rolled. What is the probability that the sum is at least five.

- a. $1/5$
- b. $1/6$
- c. $7/36$
- d. $1/4$

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One spinner has an equal chance of selecting the numbers 1,2,3, or 4. A second spinner has an equal chance of selecting the numbers 0,1, or 2. If both spinners are spun to select a number, what is the probability that the sum of the two numbers is 5?

- a. $1/4$
- b. $1/5$
- c. $1/3$
- d. $1/6$

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