

Get better at Math.
Get better at
everything.



Come experience the Cuemath methodology and ensure your child stays ahead at math this summer.



**Adaptive
Platform**



**Interactive Visual
Simulations**



**Personalized
Attention**

For Grades 1 - 10



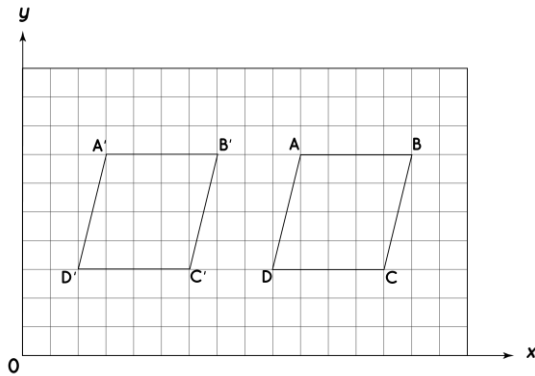
LIVE online classes
by trained and
certified experts.

Get the Cuemath advantage

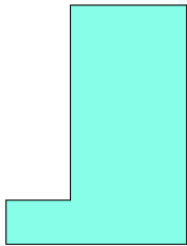
Book a FREE trial class

TRANSFORMATION WORKSHEET I

- 1) Simon translated a parallelogram ABCD to a new position as shown below. How many units and which direction did he translate this parallelogram?



- i) 3 units to the right ii) 2.5 units right iii) 3 units to the left iv) 2.5 units to the left
- 2) On rotating the given shape by 90 degree clockwise,



we get:

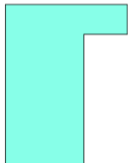
A.



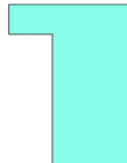
B.



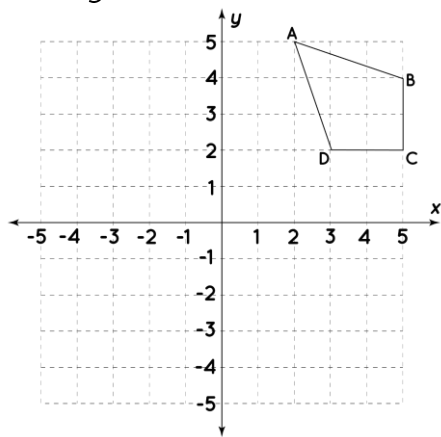
C.



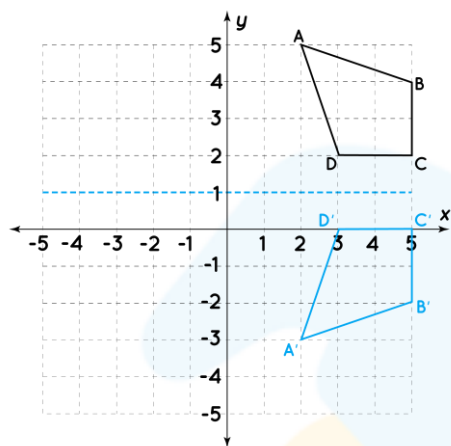
D.



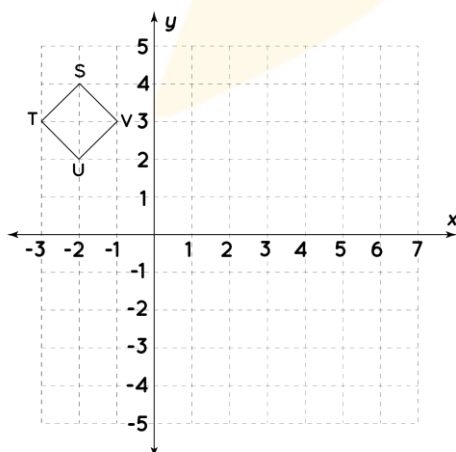
3) What will be the reflection of this given figure across line $y = 1$ will be?



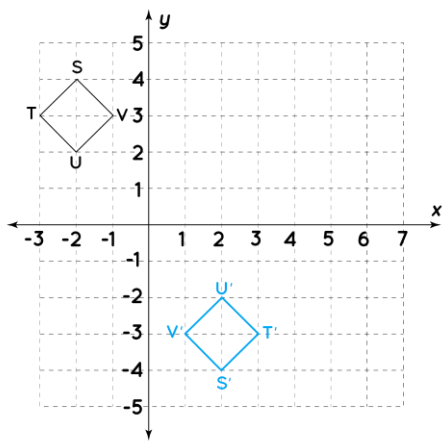
Answer:



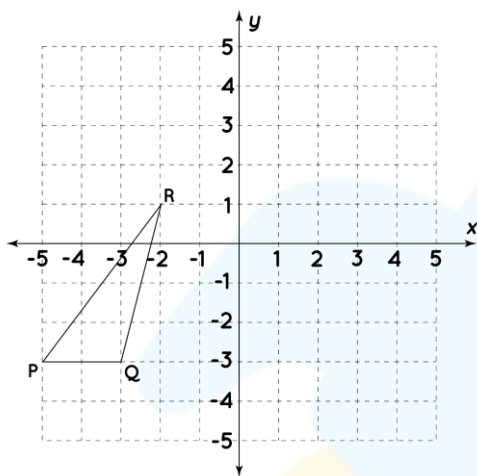
4) What will be the new figure on rotating the given figure by 180 degrees?



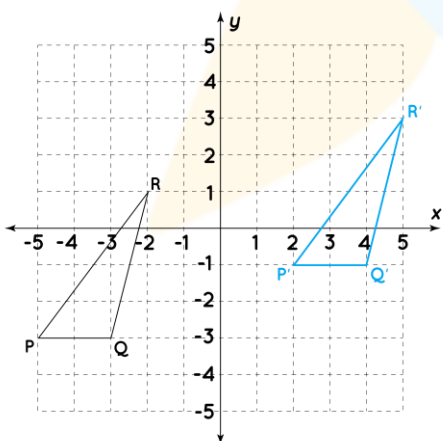
Answer:



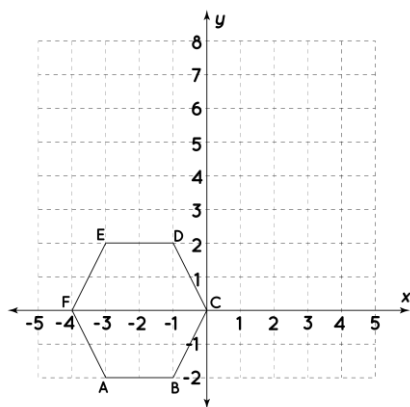
5) What will be the new position of the figure if we translate it 2 units up and 7 units right?



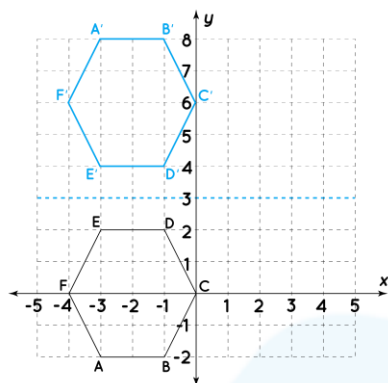
Answer:



6) What will be the reflection of the figure across the line $y = 3$ will be?



Answer:



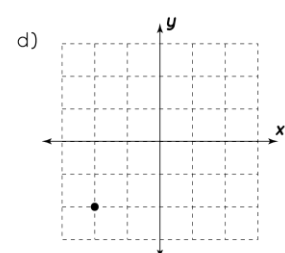
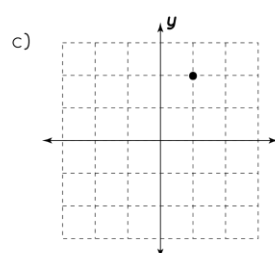
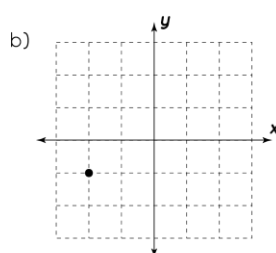
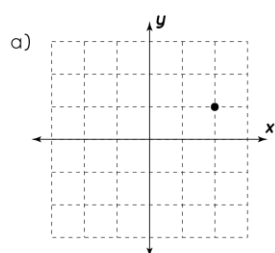
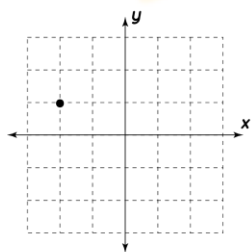
7) The points $(3, -5)$ after the reflection across y axis will be at:

i) $(-3, -5)$ ii) $(3, 5)$ iii) $(-3, 5)$ iv) $(3, -5)$

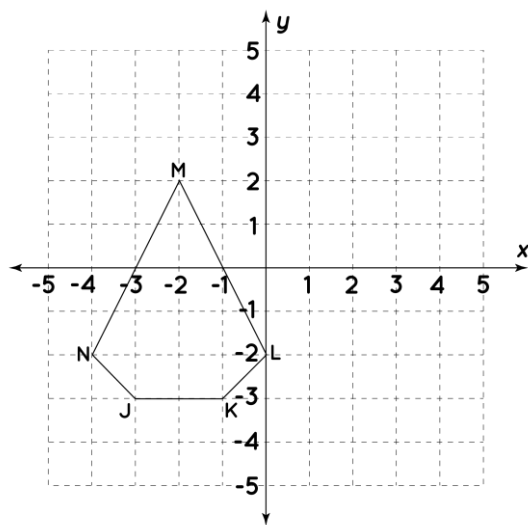
8) On translating the point $(6, 8)$ by 4 units right, we get:

i) $(6, 12)$ ii) $(10, 12)$ iii) $(10, 8)$ iv) $(6, 4)$

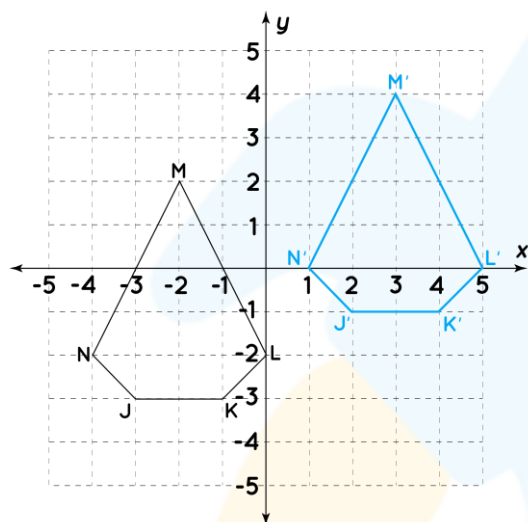
9) What will be the reflection of the given point across y -axis?



- 10) Recognize how the shape given in left has transformed to the shape in right.



Answer:



When you learn math
in an interesting way,
you never forget.



25 Million

Math classes &
counting

100K+

Students learning
Math the right way

20+ Countries

Present across USA, UK,
Singapore, India, UAE & more.

Why choose Cuemath?

"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

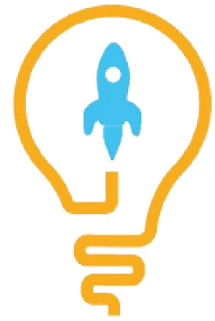
- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

Get the Cuemath advantage

Book a FREE trial class

**ANSWERS**

1)	i
2)	B
3)	
4)	
5)	
6)	
7)	$(-3, -5)$
8)	iii
9)	a
10)	Translation 2 units up, and 5 units right