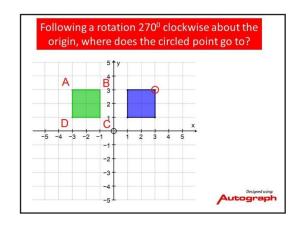
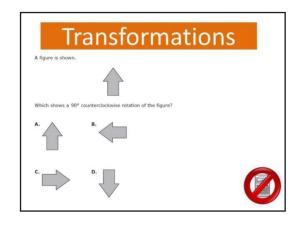


New Maths GCSE: G7 - Rotation

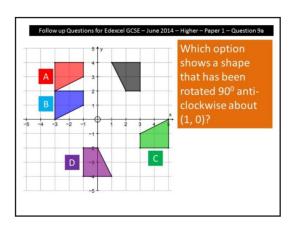
ame:	Date:
The blue object has been rotated 90° clockwise	Correct Answer: A B C D
about the point (1, 2). Which is the correct image?	Explanation:
7	
None of them!	
C 3	
1 x	
-6 -5 -4 -3 -2 -1 1 2 3 4 6 6 7 8	
-3	
Following a rotation 180° clockwise about the	Correct Answer: A B C D
origin, where does the circled point go to?	Explanation:
5 † y	
3 2	
-5 -4a-3 -2 -1p 1 2 3 4 5	
A	
D C	
Autograph	
Following a rotation 90° clockwise about the	Correct Answer: A B C D
origin, where does the circled point go to?	Explanation:
3 2	
1 × ×	
-5 -4 -3 -2 -1 A 2 3 B 4 5	
-2 -3 D C	
Original units: Original units: Autograph	



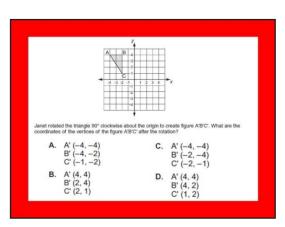
Correct Answer: A B C D
Explanation:



Correct Answer: A B C D
Explanation:



Correct Answer: A B C D
Explanation:



Correct Answer: A B C D	
Explanation:	

	Correct Answer: A B C D
The point $P(2, -3)$ is rotated about the origin through an angle of 90° in an anti-clockwise direction. What are the coordinates of the image P ?	Explanation:
(A) (3, 2)	
(B) (2, 3)	
(C) (-3, 2)	
(D) (3, -2)	
	Correct Answer: A B C D
	Explanation:
When rotated through 90° about the origin in a clockwise direction, the image of the point (3, 1) is	
(A) (-1, 3)	
(B) (3, -1)	
(C) (I, -3)	
(D) (-3,1)	
	•
	Correct Answer: A B C D
M	
N	Explanation:
ı.	
Δ <i>LMN</i> , above, is rotated anti-clockwise about <i>L</i> through 90°. Which of the following is its likely image?	
(A) E N E N	
(B) M (D)	
\bigvee	
V	