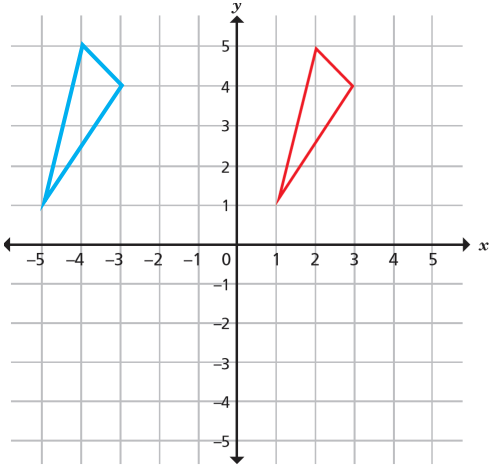
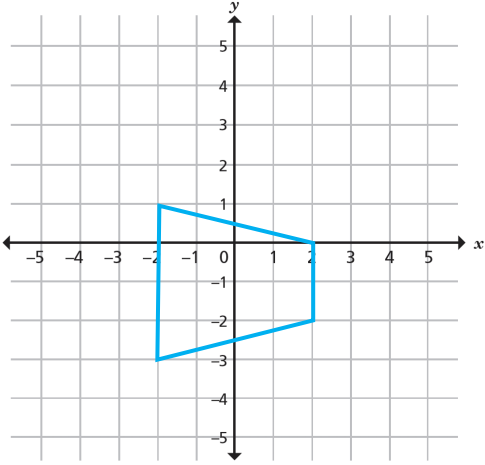
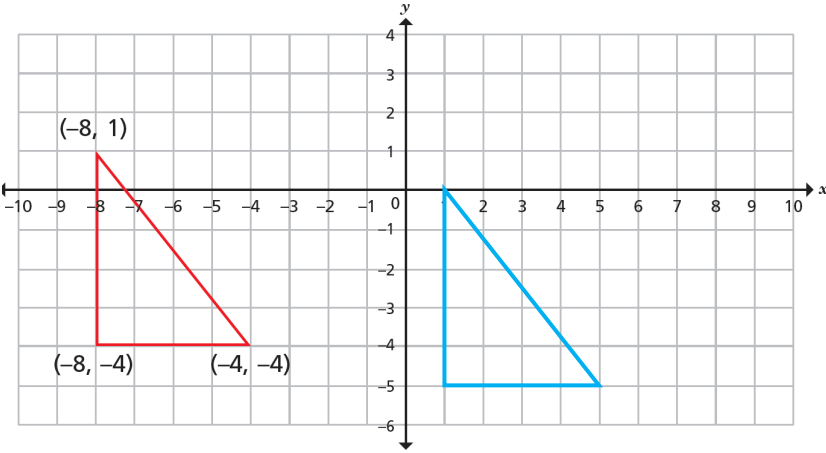


Question	Answer
1	<p>a) From P to Q is 2 squares right and 3 squares up</p> <p>b) From Q to R is 6 squares right and 2 squares up</p> <p>c) From R to S is 9 squares left and 3 squares up</p> <p>d) From S to P is 1 square right and 8 squares down</p> <p>e) From Q to P is 2 squares left and 3 squares down</p> <p>f) From R to Q is 6 squares left and 2 squares down</p> <p>g) From S to R is 9 squares right and 3 squares down</p> <p>h) From P to S is 1 square left and 8 squares up</p>
2	<p>No</p> <p>The translation is 4 right and 4 up. Tiny did not describe the translation of the corresponding corners of the squares. Instead Tiny looked at the corners closest to each other.</p>
3	
4	<p>a)</p> 
5	<p>Triangles A, D and E are translations of each other.</p> <p>Triangle C is not a translation because it is facing the other way.</p> <p>Triangle B is not a translation because it is larger.</p>

Question	Answer																								
6	<div>a)</div> <div></div> <div>b)</div> <table><tr><th>Point</th><th>Inside the new triangle</th><th>Outside the new triangle</th><th>On the perimeter of the new triangle</th></tr><tr><td>(0, 0)</td><td></td><td>✓</td><td></td></tr><tr><td>(4, -5)</td><td></td><td></td><td>✓</td></tr><tr><td>(2, -1)</td><td></td><td>✓</td><td></td></tr><tr><td>(-6, -3)</td><td></td><td>✓</td><td></td></tr><tr><td>(3, -4)</td><td>✓</td><td></td><td></td></tr></table>	Point	Inside the new triangle	Outside the new triangle	On the perimeter of the new triangle	(0, 0)		✓		(4, -5)			✓	(2, -1)		✓		(-6, -3)		✓		(3, -4)	✓		
Point	Inside the new triangle	Outside the new triangle	On the perimeter of the new triangle																						
(0, 0)		✓																							
(4, -5)			✓																						
(2, -1)		✓																							
(-6, -3)		✓																							
(3, -4)	✓																								
7	(10, -15), (40, -15), (29, 14), (-1, 14)																								