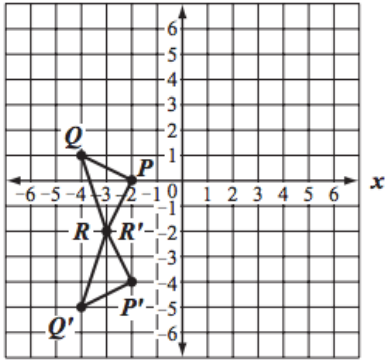
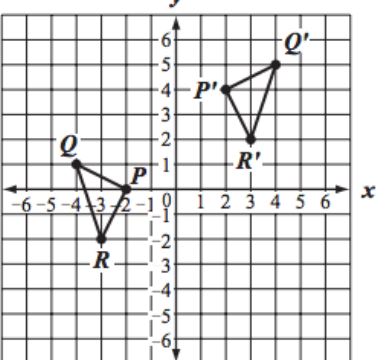
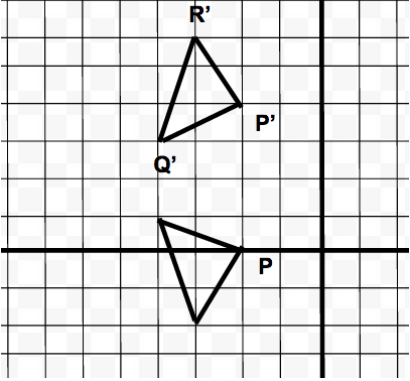


## Composite Volume, Adapted from Grade 10 MCAS 2014

For the teacher:

1. Choose the representation your students will create, then adjust the powerpoints accordingly.
2. Chart the remaining 5 representations so that they can be displayed simultaneously with the powerpoint slides.

On a coordinate grid, triangle PQR is translated 4 units up and then reflected over the x-axis to form triangle P' Q' R'. Which diagram could show triangle PQR, and the location of triangle P' Q' R' after the transformations?

<p>A.</p> 	<p>Translated 4 units up, reflected over x axis</p>
<p>B.</p> 	<p>Translated 4 units up, reflected over y axis</p>
	<p>Reflect over x and then 4 units up (Coordinates at R'(-3, 6), Q'(-4, 3), P'(-2,4))</p>