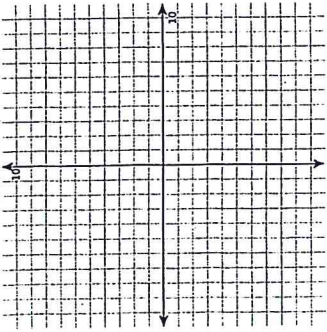
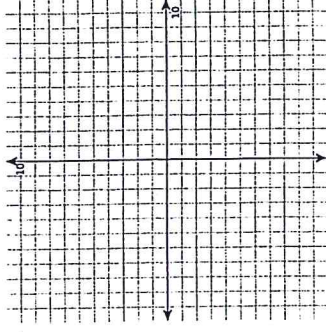
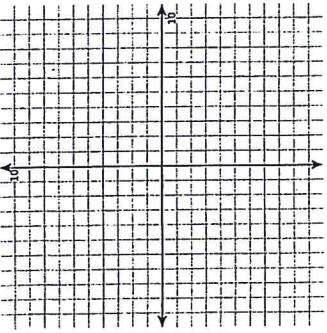
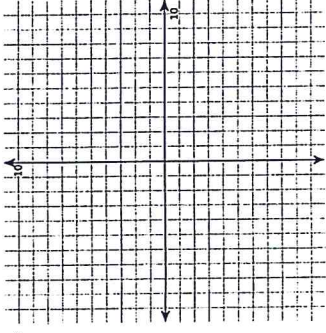


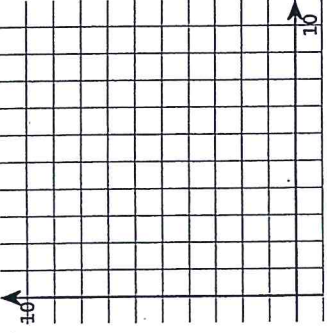
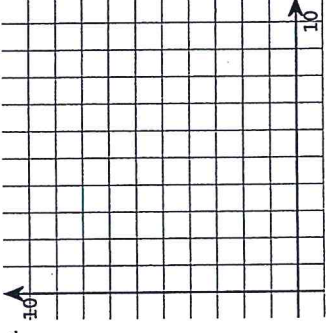
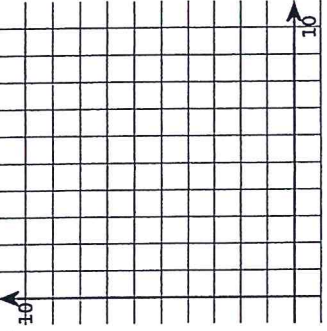
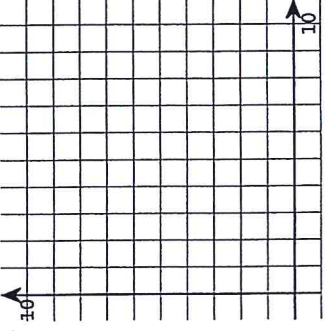
## Area of polygons worksheet

Find the area of the shapes when their vertices are given.

<p>1 a.</p>  <p>triangle with vertices <math>(-4, 3)</math>, <math>(-4, 0)</math>, and <math>(2, 3)</math>.</p>	<p>2 a.</p>  <p>triangle with vertices <math>(-9, 2)</math>, <math>(-9, -3)</math>, and <math>(7, 2)</math>.</p>
<p>1 b.</p>  <p>triangle with vertices <math>(-5, -7)</math>, <math>(-5, 2)</math>, and <math>(3, -7)</math>.</p>	<p>2 b.</p>  <p>triangle with vertices <math>(3, -3)</math>, <math>(3, -7)</math>, and <math>(8, -3)</math>.</p>

## Area of polygons worksheet

Find the area of the shapes when their vertices are given.

<p>1 a.</p>  <p>trapezoid with vertices <math>(0, 6)</math>, <math>(6, 6)</math>, <math>(8, 4)</math>, and <math>(0, 4)</math>.</p>	<p>2 a.</p>  <p>trapezoid with vertices <math>(0, 7)</math>, <math>(6, 6)</math>, <math>(6, 3)</math>, and <math>(0, 1)</math>.</p>
<p>1 b.</p>  <p>trapezoid with vertices <math>(2, 9)</math>, <math>(10, 6)</math>, <math>(10, 2)</math>, and <math>(2, 0)</math>.</p>	<p>2 b.</p>  <p>parallelogram with vertices <math>(2, 8)</math>, <math>(6, 6)</math>, <math>(6, 2)</math>, and <math>(2, 4)</math>.</p>