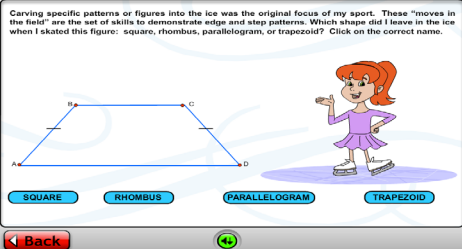
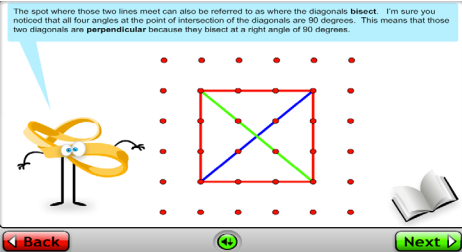

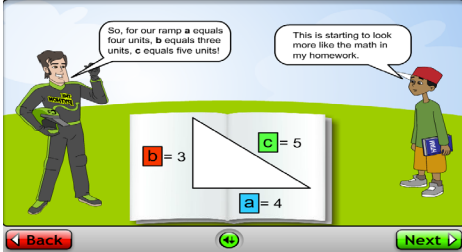


# Grade 8 Geometry and Spatial Sense Ontario Educational Resources Bank (OERB) Activities

Geometric Properties	
Activity	Description
<p style="text-align: center;"><b>The Big Skate</b></p>  <p style="text-align: center;"><b>Resource ID: ELO1418470</b></p>	<p>Build understanding of properties of quadrilaterals by exploring the angle relationships and lines of symmetry of a variety of quadrilaterals.</p>
<p style="text-align: center;"><b>Quadrilateral World</b></p>  <p style="text-align: center;"><b>Resource ID: ELO1412030</b></p>	<p>Build understanding of properties of quadrilaterals by using virtual geo-boards and visual protractors to construct diagonals and measure angles within a variety of quadrilaterals and then reflect on similarities and differences.</p>
<p style="text-align: center;"><b>Shape Street</b></p>  <p style="text-align: center;"><b>Resource ID: ELO1412080</b></p>	<p>Build understanding of real-world applications of geometry by viewing clips of animated shapes as they describe how they are used in the construction of a family home.</p>
Geometric Relationships	
Activity	Description
<p style="text-align: center;"><b>Pythagorean Rocket</b></p>  <p style="text-align: center;"><b>Resource ID: ELO1415340</b></p>	<p>Build understanding of the Pythagorean relation by investigating the relationship between the areas of squares built on the smaller sides of a right triangle with that of the square built on the hypotenuse.</p>

**Grade 8 Geometry and Spatial Sense  
Ontario Educational Resources Bank (OERB) Activities**

**Geometric Relationships (continued)**

**Activity**

**Rocket Race Rectangles**

**Resource ID: ELO1415350**

**Description**

Build understanding of geometric relationships by investigating connections between the area, perimeter and corresponding side lengths of similar shapes.

**Transformations**

**Activity**

**Rotating Rotations into Reality**

**Resource ID: ELO1413460**

**Description**

Build understanding of rotations on a Cartesian plane by following an interactive tutorial and then identifying rotations.

**Activity**

**Translating Translations into Reality**

**Resource ID: ELO1413450**

**Description**

Build understanding of translations on a Cartesian plane by following an interactive tutorial and then identifying translations.

**Activity**

**Translations and Reflections**

**Resource ID: ELO1411980**

**Description**

Practise graphing image points on a figure on a Cartesian plane after a defined translation or reflection.