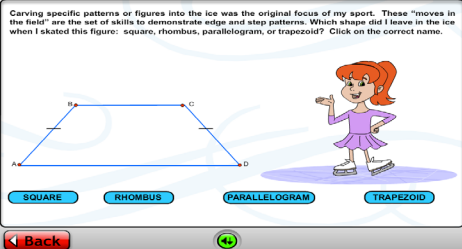
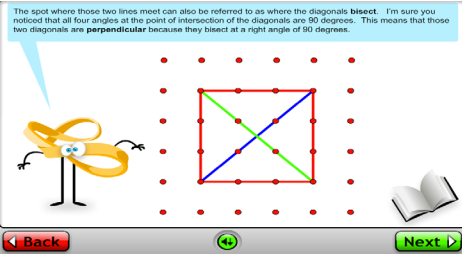

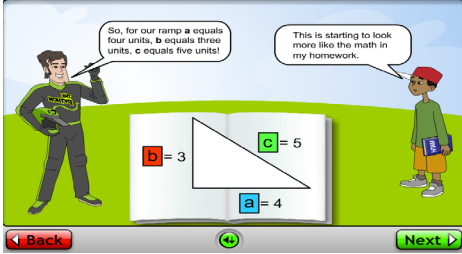


Grade 8 Geometry and Spatial Sense Ontario Educational Resources Bank (OERB) Activities

Geometric Properties	
Activity	Description
<p style="text-align: center;">The Big Skate</p>  <p style="text-align: center;">Resource ID: ELO1418470</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;">Quadrilateral World</p>  <p style="text-align: center;">Resource ID: ELO1412030</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;">Shape Street</p>  <p style="text-align: center;">Resource ID: ELO1412080</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;">Pythagorean Rocket</p>  <p style="text-align: center;">Resource ID: ELO1415340</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.