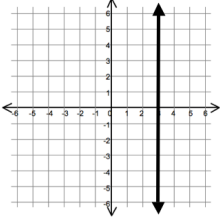
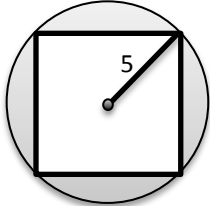


Algebra and Geometry Review 16

<p>1. Simplify.</p> $\frac{x^2}{y} \div \frac{x}{y^2}$	<p>2. If the coordinate (2, -1) is reflected across the x-axis, what is the coordinate of the new point?</p>
<p>3. Multiply.</p> $(2x + 3)(x - 4)$	<p>4. Can a 14 inch umbrella fit inside a suitcase that has dimensions of 9 in x 12 in? Explain.</p>
<p>5. Is this a function? Why or why not?</p> 	<p>6. Find the area of the shaded region.</p> 
<p>7. Evaluate is $x = \frac{1}{2}$ and $y = 4$.</p> $3xy^2 - x^2$	<p>8. If a regular polygon has 10 sides, how many diagonals does it have?</p>
<p>9. Simplify.</p> $\frac{x^2 - 3x + 2}{3x - 3}$	<p>10. True or False? If two sides and an angle of one triangle are congruent to two sides and an angle of another triangle, the two triangles are congruent.</p>