


Name: _____

August 18	5-a-day	Higher
<p>Simplify</p> $a^4 \div a^{-2}$	<p>Simplify</p> $\frac{s^3 \times s^4}{s^2}$	
 <p>The semi-circle and square have the same area.</p>	<p>Find x.</p>	
<p>The cost of a circular table is directly proportional to the square of the radius. A circular table with a radius of 40cm cost £50.</p> <p>What is the cost of a circular table with a radius of 60cm?</p>		
<p>A circle has equation</p> $(x - 3)^2 + (y + 2)^2 = 25$ <p>Show (6, 2) lies on the circle.</p>		
$9^{-\frac{3}{2}} \quad 3^{-2} \quad 0.\dot{0}3\dot{7} \quad 16^{-\frac{3}{4}}$ <p>Martin says two of the values are equal. Is he correct?</p>		