

Name: _____

September 7	5-a-day	Higher
$4\frac{1}{4} \div 2\frac{3}{5}$		
<p>A light flashes every 42 seconds. A buzzer buzzes every 3 minutes.</p> <p>They both operate, how long until they both operate again?</p>		
<p>Factorise</p> $y^2 + 8y + 12$	<p>Factorise</p> $4y^2 - 25$	
<p>A is inversely proportional to N^2</p> <p>When $A = 10$, $N = 2$.</p> <p>Find A when $N = 4$.</p>		
<p>Line 1 has gradient 4 and passes through the point (2, 9).</p> <p>What is its equation?</p>	<p>Write down the equation of a line perpendicular to line 1.</p>	