
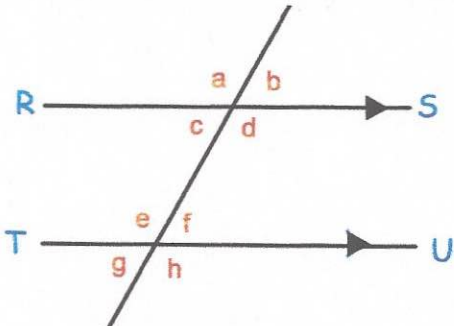


11th December		 CorbettMaths
<p>Calculate</p> <p>2.4 x 1.2</p> $\begin{array}{r} 24 \\ \times 12 \\ \hline 48 \\ 240 \\ \hline 288 \end{array}$	$2.88$	
<p>Simplify</p> <p><math>w \times w \times w</math></p> $w^3$	<p>Simplify</p> <p><math>w + w + w</math></p> $3w$	
<p>Which angle is vertically opposite to angle <math>g</math>?</p> $f$		
<p>Jack completes a journey in 2 stages.</p> <p>In stage 1, Jack drives at 60 mph for 1 hour 45 minutes.</p> <p>How far does he travel in stage 1?</p>	$\begin{aligned} d &= s \times t \\ &= 60 \times 1.75 \\ &= 105 \text{ miles} \end{aligned}$	
<p>Altogether Jack travels 120 miles in 2 hours 30 minutes.</p> <p>What is his average speed in stage 2?</p>	<p><u>Stage 2</u></p> <p>45 minutes (time) 0.75 hours 15 miles (distance)</p> $s = \frac{d}{t} = \frac{15}{0.75} \quad 20 \text{ mph}$	