

Question	Answer	Mark	Mark scheme	Additional guidance
27	630	M1	<p>for converting time, eg 24 minutes = $\frac{24}{60}$ (= 0.4 (hours)) oe eg $\frac{2}{5}$ (hours)</p> <p>or 2 hours 24 minutes = $2 + \frac{24}{60}$ (= 2.4 (hours)) oe eg $2\frac{2}{5}$ (hours)</p> <p>or 2 hours 24 minutes = $2 \times 60 + 24$ (= 144 (minutes)) oe</p> <p>or 2 hours 24 minutes = $2 \times 60 \times 60 + 24 \times 60$ (= 8640 (seconds)) oe</p> <p>OR for using distance \div time, eg 1512 \div [time] oe or [distance] \div [time] oe</p>	<p>10.5 or 0.175 imply M1</p> <p>[distance] can be 1512 or the result of an attempt to convert 1512 km to a different unit, it must have the digits 1512 eg 151.2 or 1 512 000</p> <p>[time] can be any value they believe to be the time the plane takes to fly</p>
		M1	<p>for a complete method using distance \div time, eg 1512 \div “2.4” or 1512 \div “$2\frac{2}{5}$”</p> <p>or 1512 \div “144” \times 60 oe or 1512 \div “8640” \times 60 \times 60 oe</p>	
		A1	cao	