

2. Time

1	$T = \frac{100}{40} + \frac{60}{30}$ $= 2.5\text{hrs} + 2\text{hrs}$ $= 4.5\text{hrs}$ $\text{Average speed} = \frac{160}{4.5} \text{ km/h}$ $= 35.56\text{km/h}$	<p>M₁</p> <p>M₁</p> <p>A₁</p>	<p>✓ exp for total time</p>
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2. *Time between Monday 0545hr and Friday 1945*
 $= 4 \times 24 + 14 = 110 \text{ hrs}$
Time lost = $0.5 \times 110 = 55 \text{ min.}$
Time in 12 hr system
 $(1945 - 55 - 1200)$
6.50 p.m.
3. *Time between Monday 0445h and Friday 1845h*
 $= 4 \times 24 + 14 = 110\text{h}$
Time lost = 0.5×110
 $= 55\text{min}$
Time shown in 12 hour system
 $1845 - 55 = 1750 \text{ h}$
 $= 5.50 \text{ p.m}$
4. (a) $1600\text{h} - 830\text{h} = 7\text{hrs } 30\text{min}$ or $7 \frac{1}{2} \text{ hours}$
- (b) *Average speed* = $\frac{300}{7\frac{1}{2}}$
 $= 40\text{km/h}$