

238: 41-42, 65-66

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41 a.  $1292\pi$  rad/min       $1680\pi$  rad/min

b. 50 mph      65 mph

42. h      m      s

a)  $\frac{\pi}{6}$  rad/hr       $2\pi$  rad/hr       $\frac{120\pi}{hr}$  rad/hr

1.26 in/hr      20.1 in/hr      1281.8 in/hr

b) slow, 1.53 hr/day

65.  $132 \text{ in}^2$       66.  $354 \text{ cm}^2$