Mensuration P2 Answers

1)
 1.62
 3
 MI
$$\frac{1}{4} \pi 0.8^2$$

 2)
 6.4×10^7
 2
 MI $64 \times 100^2 \times 10^2 \text{ or } 64\,000\,000\,\text{ oc}$

 3)
 (a) 10(.0..)
 1
 1

 (b) 9.80
 3
 MI $x \sqrt[3]{(a)^2 - 2^2} \text{ or } MI PT^2 + 2^2 = (a)^2$

 4)
 (a) 201
 2
 MI $\pi \times 8^2$

 (b) 87.9 or 88.0
 4
 MI $\frac{45}{360} \times 2 \times \pi \times 12 \dots d$

 MI 2 $\sqrt[3]{(d - \pi)}$
 2
 MI for $\frac{40}{360} \times \pi \times 5.6^2$

 (a) 10.9
 2
 MI for $\frac{40}{360} \times \pi \times 5.6^2$

 (b) 87.9 or 88.0
 2
 MI for $\frac{40}{360} \times \pi \times 5.6^2$

 (a) 10.9
 2
 MI for $\frac{40}{360} \times \pi \times 2 \times 5.6$ (= 3.91..)

 6)
 (a) Answer given
 2
 MI for $\frac{40}{360} \times \pi \times 2 \times 5.6$ (= 3.91..)

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 6)
 (a) Answer given
 3
 MI for $\frac{40}{360} \times \pi \times 2 \times 5.6$ (= 3.91..)

 7)
 112 or 112.3 to 112.33
 3
 MI for $\pi \times 0.5^2$ scen

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 112 or 112.3 to 112.33
 3
 M2 for $\pi \times 6^2 - \pi \times 0.5^2$ or $\pi \times 0.5^2$ scen
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