

23(a)	$\frac{240}{360} \times 2 \times \pi \times 12$ oe
23(b)	$\frac{(256\sqrt{5})\pi}{3}$ cao

19(a)	24π cao
19(b)	20π cao

7(a)	$2 \times \pi \times 4 = 6.51 \times 2 + 2x$ or better
	6.055 to 6.058 [= 6.06]
7(b)	574 or 575 or 574.1 to 574.5...

19	45.6 or 45.63...
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