

Historic Bicycle		Rubric	
		points	section points
1.	Gives correct answer: 52π or 163 Shows correct work such as: $52 \times \pi$	2 1	3
2.	Gives correct answer: 13 feet 7 inches Shows correct work such as: $163 / 12 = 13.61$ $163 - 12 \times 13$	1ft 1ft	2
3.	Gives correct answer: 390 (accept 385 - 395) Shows correct work such as: $1760 \times 36 = 63360$ $63360 / 163$ <i>Partial credit</i> Finds correct circumference and attempts to divide into a measure for a mile.	1ft 2ft (1)	3
4.	Gives correct answer: 1120 (accept 1110 to 1130) Shows correct work such as: $63360 \div (18\pi)$ or $63360 \div 56.5$	1ft 1ft	2
Total Points			10