

Year 12 Mathematics 2025 Zonals

Name of School: _____ Name of marker: _____

Question	Answer	+5/ -5	Cumulative Score
1.	49		
2.	18.8%		
3.	$(-2, 1)$		
4.	$(-2, 0)$		
5.	4.5 or $4\frac{1}{2}$		
6.	$-1 \leq x \leq 5$		
7.	200		
8.	± 4 or -4 and 4		
9.	1.5		
10.	\$160		
11.	50		
12.	$\{y: y \neq 2, y \in R\}$		
13.	$\frac{\sqrt{3}}{3}$ or $\frac{1}{\sqrt{3}}$		
14.	\$30		
15.	\$550		
16.	113°		
17.	729		
18.	17%		
19.	\$120		
20.	$8(\sqrt{2} + 1)$ or $8\sqrt{2} + 8$		