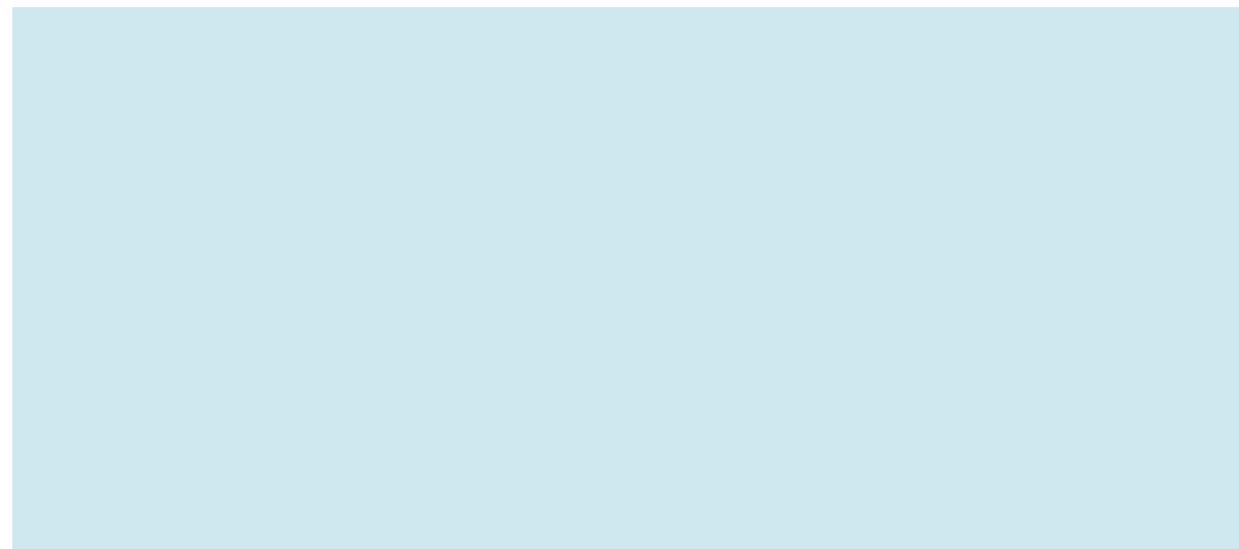
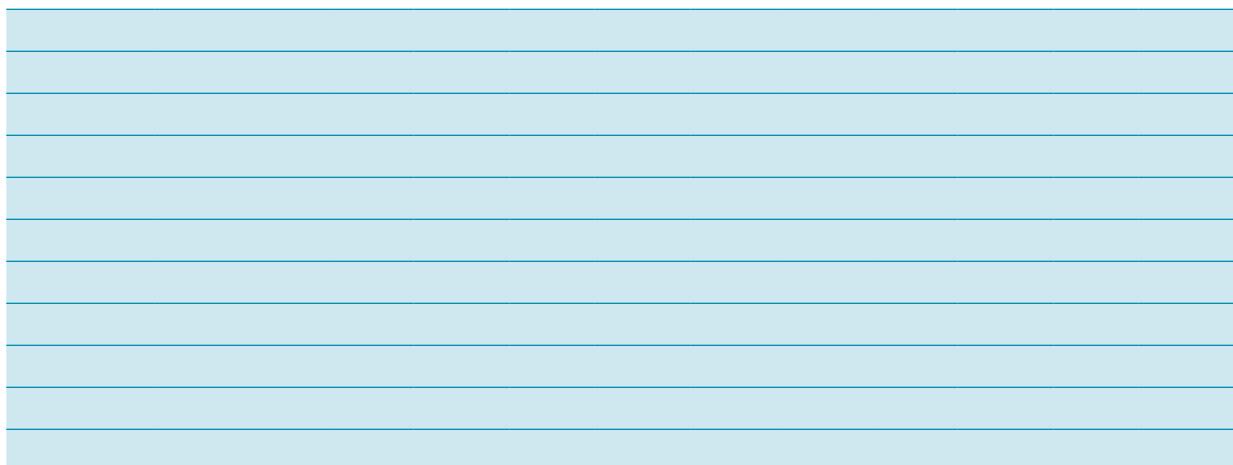


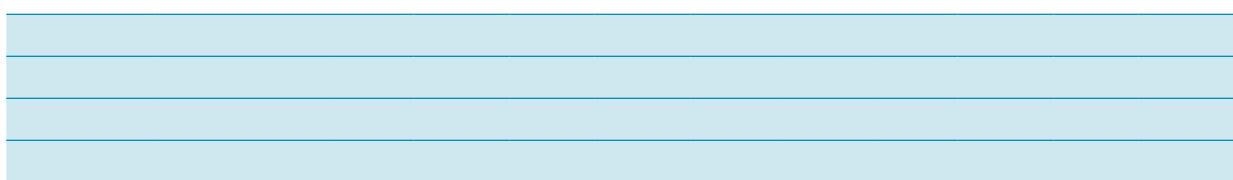
Appendix 13E: TIMSS Numeracy 2015 Mathematics Item Parameters from Item Calibration

TIMSS Numeracy 2015 Mathematics Item Parameters from Concurrent Calibration









Item		Slope (a _j)	Location (b _j)	Guessing (c _j)	Step 1 (d _{j1})	Step 2 (d _{j2})
09_04A	11278A	1.186 (0.103)	-1.633 (0.087)	0.191 (0.043)		
09_04B	11278B	1.565 (0.179)	0.051 (0.049)	0.144 (0.016)		
09_05	11136					