

Test Plan – The Cell Sell

Test Cases		
Description	Output in bold text, input in regular text	Score
Typical case • Daytime minutes more than free threshold for both plans • Plan A is cheapest • All output text exactly as shown • Amounts exactly as shown	Number of daytime minutes? 300 Number of evening minutes? 145 Number of weekend minutes? 50 Plan A costs 81.75 Plan B costs 85.75 Plan A is cheapest.	0 1 2 3
Typical case • Daytime minutes more than free threshold for both plans • Plan B is cheapest NOTE: Cents OK rather than dollars, if desired.	Number of daytime minutes? 262 Number of evening minutes? 90 Number of weekend minutes? 10 Plan A costs 56.00 Plan B costs 39.40 Plan B is cheapest.	0 1
Typical case • Daytime minutes more than free threshold for both plans • Plans A and B are same cost NOTE: Cents OK rather than dollars, if desired.	Number of daytime minutes? 296 Number of evening minutes? 140 Number of weekend minutes? 6 Plan A costs 71.20 Plan B costs 71.20 Plans A and B are the same price.	0 1

Test Cases		
Description	Output in bold text, input in regular text	Score
Typical case • Daytime minutes less than free threshold for plan B, not plan A • Plan A is cheapest NOTE: Cents OK rather than dollars, if desired.	Number of daytime minutes? 200 Number of evening minutes? 150 Number of weekend minutes? 10 Plan A costs 49.50 Plan B costs 55.00 Plan A is cheapest.	0 1
Typical case • Daytime minutes less than free threshold for plan B, not plan A • Plan B is cheapest NOTE: Cents OK rather than dollars, if desired.	Number of daytime minutes? 210 Number of evening minutes? 110 Number of weekend minutes? 70 Plan A costs 58.00 Plan B costs 56.00 Plan B is cheapest.	0 1
Typical case • Daytime minutes less than free threshold for plan B, not plan A • Plans A and B are same cost NOTE: Cents OK rather than dollars, if desired.	Number of daytime minutes? 210 Number of evening minutes? 130 Number of weekend minutes? 30 Plan A costs 53.00 Plan B costs 53.00 Plans A and B are the same price.	0 1
Typical case • Daytime minutes less than free threshold for both plans • Plan A is cheapest NOTE: Cents OK rather than dollars, if desired.	Number of daytime minutes? 75 Number of evening minutes? 30 Number of weekend minutes? 50 Plan A costs 14.50 Plan B costs 23.00 Plan A is cheapest.	0 1

Test Cases		
Description	Output in bold text, input in regular text	Score
Boundary condition • Zero minutes for all plans • Plans A and B are same cost	Number of daytime minutes? 0 Number of evening minutes? 0 Number of weekend minutes? 0 Plan A costs 0.00 Plan B costs 0.00 Plans A and B are the same price.	0 1 2 3
Invalid input • Invalid input rejected at daytime minutes prompt • Out of range input rejected	Number of daytime minutes? fifty Number of daytime minutes? -1 Number of daytime minutes? <i>(et cetera)</i>	0 1 2
Invalid input • Invalid input rejected at evening minutes prompt • Out of range input rejected	Number of daytime minutes? 50 Number of evening minutes? 90.1 Number of evening minutes? -1 Number of evening minutes? <i>(et cetera)</i>	0 1 2
Invalid input • Invalid input rejected at weekend minutes prompt • Out of range input rejected	Number of daytime minutes? 50 Number of evening minutes? 90 Number of weekend minutes? one hundred! Number of weekend minutes? -1 Number of weekend minutes? <i>(et cetera)</i>	0 1 2

Total score / 18

Comments