

MUL POINTS CALCULATION

Total Points (ΣP) = Base Points (**BP**) + Bonus Trail (**BT**) + Bonus Elevation Gain (**BEG**)
 + Bonus Finish Time (**BFT**) + Bonus Finish Position (**BFP**)

$$\Sigma P = BP + BT + BEG + BFT + BFP$$

$$\Sigma P = A + B + C + D + E$$

A : Base Points (**BP**) → The Race Distance in km i.e., 1 km = 1 Point

B : Bonus - Trail (**BT**) → Bonus points given for trail races counted as :

Race distance X 30%; i.e., { **BP X 30%** }

C : Bonus - Elevation Gain (**BEG**) → Bonus points given for Elevation Gain (EG) counted as :

1% of the EG in meter i.e., 100 meter EG = 1 Point

D : Bonus - Finish Time (**BFT**) → Bonus points for fast Finish Time (FT) relative to the 10th placed finisher

Finish Time ratio [A]	Multiplication Factor [B]	BFT [A X B]
$= 1 - \frac{(\textit{Finish Time})}{(\textit{10th placed runner's Finish Time} \times 140\%)}$	5 X Race Distance (km) → 5 X BP	A X B

E : Bonus - Finish Position (**BFP**) → Bonus points for the top 10 finishers based only on gender in each ultra-distance race category

Race Distance (km)	Finish Position									
	10 th	9 th	8 th	7 th	6 th	5 th	4 th	3 rd	2 nd	1 st
≤ 99	40	50	60	70	80	100	120	160	240	400
100 ~ 159	80	100	120	140	160	200	240	320	480	800
≥ 160	120	150	180	210	240	300	360	480	720	1200

Note:

- 1) No MUL points for runners that DNF, DQ or finish outside the COT.
- 2) Races labelled "MUL CANDIDATE RACE" are accorded half the MUL points as compared to a full-fledged "MUL RACE".
- 3) The minimum distance run to be eligible for MUL points is 50 km. This includes 6 hours or 12 hours fixed time races. '50 km' races which measure via GPS or other equivalent measuring devices to be under 50 km will be fully eligible for MUL points and counted as 50 km in all MUL related calculations.
- 4) MUL points are ONLY for individual runners participating in individual categories. No points for teams, duo, pairs, groups, pacer-team, relays, etc. regardless of the race format.
- 5) The Race Distance is the nominal advertised distance of the race. e.g., a '100 km' race which is actually 102.527 km will be counted as 100.000 km in all MUL related calculations.
- 6) The Elevation Gain data for each race is determined by the respective RDs. Bonus Elevation Gain (BEG) points are also allocated for fixed time events e.g., 12 hours and 24 hours races based on the EG per loop and loops run by each runner.
- 7) Bonus Trail points are for races with at least 60% trail sections as determined by the respective RDs. 'Trail' includes dirt roads, gravel, water sections, beach sand, etc. i.e., NOT roads or track surfaces.
- 8) For the Bonus Finish Time (BFT), the 10th placed runner's Finish Time refers to the overall 10th placed finisher (Men + Women). If this Finish Time X 140% is more than the race's COT, the COT will be used instead in the Finish Time ratio equation. If there are less than 10 finishers in the race, the COT will be used for the BFT. Also, if the Finish Time ratio is below 0, the BFT will be 0. Times are all Gun Time.
- 9) No Bonus Finish Time (BFT) points for fixed timed races e.g., 12 hours, 24 hours.
- 10) If the Gun Time finish is tied between runners, Nett Time is used to determine their positions. If Nett Time is also tied or unavailable, their positions are based on their relative race position at the last timing station.
- 11) No MUL points if the race is called off at any point (storm, accident, etc.). However, if you complete said race before it gets called off and are recognized as an official finisher, you will receive full MUL points. If a race gets officially downgraded and remains above 50 km, finishers will receive MUL points.

MUL POINTS CALCULATIONEXAMPLES

Total Points (ΣP) = Base Points (BP) + Bonus Trail (BT) + Bonus Elevation Gain (BEG) + Bonus Finish Time (BFT) + Bonus Finish Position (BFP)

$$\Sigma P = BP + BT + BEG + BFT + BFP$$

$$\Sigma P = A + B + C + D + E$$

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Finish Time ratio [A]	Multiplication Factor [B]	BFT [A X B]
$= 1 - \frac{(\text{Finish Time})}{(\text{10th placed runner's Finish Time} \times 140\%)}$	5 X Race Distance (km) → 5 X BP	A X B

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Race Distance (km)	Finish Position									
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EXAMPLES

Description	CASE 1 :	CASE 2 :
	Type - Fixed Distance Race	Type - Fixed Time Race
Event	Ultra Trail Mount Belacan	Backyard Loop Challenge
Distance or Time	100 km	24 Hours
Elevation Gain	4,528 meter	17.8 meter/km
% Trail	82%	0%
COT (hh:mm:ss)	28:00:00	N/A
Finish Time or Distance	17:18:05	161.4 km
Finish Time of 10th Place Finisher	16:06:05	N/A
Finish Position	8	1
A : Base Points (BP)	100 km → <u>100</u>	161.4 km → <u>161.4</u>
B : Bonus Trail (BT)	82 % → BP X 30% = 100 X 30% = <u>30</u>	0 % → <u>0</u>
C : Bonus Elevation Gain (BEG)	4,528 meter → 1% X 4,528 = <u>45.280</u>	161.4km X 17.8 m/km = 2,872.92 → 1% X 2,872.92 = <u>28.729</u>
D : Bonus Finish Time (BFT)	$A = 1 - \frac{(17:18:05)}{(16:06:05 \times 140\%)}$ B = 5 X 100 km	None
[Finish Time ratio[A] X Multiplication Factor[B]]	→ [1-(17.3014/22.5419)] X 500 → 23.25% X 500 → <u>116.239</u>	
E : Bonus Finish Position (BFP)	8th Position, 100 km ~ 159 km → <u>120</u>	1st Position, ≥ 160 km → <u>1,200</u>
TOTAL POINTS (ΣP)	$\Sigma P = A + B + C + D + D + E$ = 100 + 30 + 45.280 + 116.239 + 120 = 411.519 ≈ <u>412</u>	$\Sigma P = A + B + C + D + D + E$ = 161.4 + 0 + 28.729 + 0 + 1,200 = 1,390.129 ≈ <u>1,390</u>