

Example of Points Calculation for a 50K Race

In the Superior 50K, Howard's finishing time was 4:41:05 (4 hours, 41 minutes, 5 seconds).

For fixed-distance races (e.g. 25 km, 50 km, 50 miles), each entrant who completes the distance within the time limit gets percent points and distance points.

Percent points are based on the entrant's finishing time relative to the 1st-place finisher's time. The 1st-place finisher gets 100 percent points. The other finishers get proportionally fewer percent points (i.e. If your finishing time is x% more than the 1st-place finisher's time, you get x% fewer percent points). Your percent points are equal to the greater of:

- i) $100 \times (1 - (\text{your time minus 1st-place finisher's time}) / (\text{1st-place finisher's time}))$, and
- ii) 1.

In the Superior 50K:

The 1st-place finisher's time was 3:45:12 (3 hours, 45 minutes, 12 seconds), which is 225.20 minutes. The 1st-place finisher gets $100 \times (1 - (225.20 - 225.20) / 225.20) = 100$ percent points.

The 2nd-place finisher's time was 3:46:29, which is 226.48 minutes. The 2nd-place finisher gets $100 \times (1 - (226.48 - 225.20) / 225.20) = 99.4$ percent points.

The 3rd-place finisher's time was 3:58:09, which is 238.15 minutes. The 3rd-place finisher gets $100 \times (1 - (238.15 - 225.20) / 225.20) = 94.2$ percent points.

Howard's finishing time was 4:41:05, which is 281.08 minutes. Howard gets $100 \times (1 - (281.08 - 225.20) / 225.20) = 75.2$ percent points.

Those who do not complete the distance within the time limit get 0 percent points.

For races of 49 km to 59 km, each entrant who completes the distance within the time limit gets 50 distance points. Those who do not complete the distance within the time limit get 0 distance points.

Howard completed the distance within the time limit, so he gets 50 distance points.

Add Howard's 50 distance points to his 75.2 percent points, for a total of 125.2 points.

Prior to the 2014 season, distance points for fixed-distance races were equal to the race distance, measured in kilometers. Currently, distance points for fixed-distance races are determined as follows:

- i. 25 distance points for races of 24 km to 35 km (Trail Series)
- ii. 50 distance points for races of 49 km to 59 km (Ultra Series, 50K Series)
- iii. 1 distance point per km of race distance for races over 59 km (Ultra Series)

For the 2001 season only, there were separate points systems for male and female, i.e. placement points for male entrants were based on the number of male starters, and placement points for females were based on the number of female starters.