

## Percent number - Why do we need it?

Because different classes tend to score differently and each ICD qualifying event has different judges, different obstacles, a different arena with different going and drivers of different abilities, we need a levelling factor to let us compare scores between classes and events. So we weight scores by class then take the best **weighted** score of the event - which might not be the best actual score - and call that 100%. Then we relate all the other scores to that. 75% is a guide to performance.

## How is Percent worked out?

- Multiply each driver's final score by their **championship class** weighting
- Then apply the formula:  
$$\text{Percent} = 100 * (\text{Best weighted score at event}) / \text{Your weighted score at event}$$
- Because of the championship class weighting, the lowest *actual* score might not get 100%

## Here are the weightings

Novice Small Pony	0.87
Intermediate Small Pony	0.9
Open Small Pony	0.94
Novice Pony	0.95
Intermediate Pony	0.98
Open Pony	1
Novice Horse	0.92
Intermediate Horse	0.98
Open Horse	1
Novice Junior	0.95
Veteran	0.9
Small Pony Pair	0.9
Pony Pair	0.94
Horse Pair	0.73
Tandem	0.7
Team	0.68
Club	0.9

These are based on performance figures for the different classes, to give each class an equal chance on average. So 100% might equally go to an Open Pony, Novice Junior, Tandem ... even though the best points score at the event will usually be Open Pony or Horse.