



Answer Key for math and reading comprehension questions

NHL Math

The NHL rink (omitting the corners, treating it as a rectangle) has a surface area of 17,000 sqf

The IHF rink (omitting the corners, treating it as a rectangle) has a surface area of 20,000 sqf.

If you decided to calculate the size in meters your sizes are NHL 1586m² and IHF 1830m².

The individual sections are:

In square feet:

	A	B	C	B	A
NHL	935	5400	4250	5400	935
IHF	1300	5800	5800	5800	1300

Each faceoff circle is 706.5 sqf

The crease is 25.12 sqf (if you got a different number, did you remember to divide by 2 as the crease is only a semi-circle?)

The faceoff circles make up 26% (rounded) of the area of an NHL attack/defence zone.

The faceoff circles make up 24% (rounded) of the area of an IHF attack/defence zone.

Flyers Math

The mean (average) age of the Flyers was: 26 years

The median age was 26 years

The mode was 26 years

The mean (average) weight of the Flyers was: 165 pounds
The median weight was 165 pounds
The mode was 150

“Per Ardua ad Aurum” Reading Comprehension answers:

1-A, 2-C, 3-B, 4-B, 5-D, 6-C, 7-B, 8-C, 9-B, 10-D, 11-A, 12-A