Answer on Question #70608 – Math – Algebra

Question

In their 2013 Stanley Cup-clinching game, the Blackhawks had six more shots on goal than the Bruins. Together, they had 56 shots. How many shots did each team have?

Solution

The Bruins had x shots

The Blackhawks had (x+6) shots

Together they had 56 shots.

Then

$$x + x + 6 = 56$$

$$2x + 6 = 56$$

$$2x = 56 - 6$$

$$2x = 50$$

$$x = 25$$

Then the Bruins had 25 shots and the Blackhawks had 25+6= 31 shots.

Answer:

The Blackhawks had 31 shots and the Bruins had 25 shots.