

Problem of the Week #1

Caravan of Camels

(by Akash Hoffman and Sophia Tolokh)



A camel shepherd bought a caravan of camels. On his journey through the desert, he noticed that the camels all had a very bad disease and would be of no use for traveling any further. He returned to the seller and asked for new camels. The seller said, "I will gladly give you the same number of camels that you bought if you can tell me how many camels you started with." The camel shepherd could not remember exactly how many he had bought, but he knew it was less than 100. He remembered that if the camels walked

in rows of 2, one walked alone;
in rows of 3, one walked alone;
in rows of 4, one walked alone;
and in rows of 5, one walked alone.

How many camels were in the caravan?

Show your thinking using pictures, words, or numbers.

Name: _____ Class: _____

First and last name, please

Due: 09/20/2018 (Thursday)