

Question:

Billy has three times as many llamas as lambs.
Milly has twice as many lambs as llamas.
They have 17 animals in total.
How many of the animals are llamas?

- a) 5 b) 6 c) 7 d) 8 e) 9

Solution:

Billy: Has 4 lots of animals
Milly: Has 3 lots of animals

17 animals in total means that Billy must have 4 lots of 2 (8 animals) and Milly must have 3 lots of 3 (9 animals)

So Billy has 6 llamas and Milly has 3, giving 9 llamas in total: answer e)