

Estimate Answers

Farmer Wayne has 9,350 grams of hay stored in his barn. He says,



Below are the amounts of hay each of my farm animals eat on average, every day.



donkey = 1,469g



sheep = 1,684g



pig = 1,576g



horse = 6,071g



goat = 2,253g

Round the amounts above to the nearest 10 to find out which combinations of animals Farmer Wayne could feed.

Various answers, for example: donkey (1,470g) + pig (1,580g) + horse (6,070g) = 9,120g

Explore rounding these amounts to a mixture of the nearest 10, 100 or 1,000. Do your combinations change? Various answers, for example: Yes – donkey (1,500) + pig (2,000) + horse (6,000) = 9,500g