

Name: Class:

Long division word problems

1. Julia has 36 cards in her collection. If she organizes the cards into 4 equal groups, how many cards will be in each group?



2. There are 9 people in a birthday party. The chef baked a total number of 72 cupcakes. If the cupcakes were shared equally among the people, how many cupcakes did each person get?

3. Mr. Adams owns a ranch. He has 56 cows on his ranch. If he divides the cows evenly among 7 pastures, how many cows will be in each pasture?



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Long division word problems

1. Julia has 36 cards in her collection. If she organizes the cards into 4 equal groups, how many cards will be in each group?

Total number of cards in Julia's collection = 36 cards
 Number of equal groups the cards are divided into = 4
 Therefore, number of cards in each group =
 $36 \div 4 = 9$
 So, there will be 9 cards in each group.

$$\begin{array}{r} 9 \\ 4 \overline{) 36} \\ \underline{- 36} \\ 0 \end{array}$$



2. There are 9 people in a birthday party. The chef baked a total number of 72 cupcakes. If the cupcakes were shared equally among the people, how many cupcakes did each person get?

Number of people at the birthday party = 9
 Total number of cupcakes the chef baked = 72 cupcakes
 So, number of cupcakes each person got =
 $72 \div 9 = 8$
 Therefore, each person got 8 cupcakes.

$$\begin{array}{r} 8 \\ 9 \overline{) 72} \\ \underline{- 72} \\ 0 \end{array}$$

3. Mr. Adams owns a ranch. He has 56 cows on his ranch. If he divides the cows evenly among 7 pastures, how many cows will be in each pasture?

Number of cows in Adam's ranch = 56 cows.
 Number of pastures in the ranch = 7 pastures
 Number of cows that will be in each pasture =
 $56 \div 7 = 8$
 Therefore, there will be 8 cows in each pasture.

$$\begin{array}{r} 8 \\ 7 \overline{) 56} \\ \underline{- 56} \\ 0 \end{array}$$

