

Name: ..... Class: .....

## Solving two-steps multiplication and division word problems

1. Jenny baked 6 trays of cupcakes. Each tray takes 6 cupcakes. After baking, she let all the cupcakes cool off for a while. She then divided the cupcakes evenly into 9 boxes. How many cupcakes did Jenny place in each box?



2. Yesterday, Jerry received 8 packs of Pokémon cards. He shared them equally with his brother, Mike. If a pack of Pokémon cards contains 10 trading cards, how many trading cards did each person get?

3. A case of Pepsi contains 12 cans. Kyle is holding a dinner for 7 people and he purchased 4 cases of Pepsi. How many cans of Pepsi will each person get (including Kyle) assuming that they'll take equal cans of Pepsi?



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1. Jenny baked 6 trays of cupcakes. Each tray takes 6 cupcakes. After baking, she let all the cupcakes cool off for a while. She then divided the cupcakes evenly into 9 boxes. How many cupcakes did Jenny place in each box?

Number of cupcake trays Jenny baked = 6 trays

Number of cupcakes each tray takes = 6 cupcakes

So, total number of cupcakes she baked

$$= 6 \times 6 = 36 \text{ cupcakes}$$

Number of boxes she divided the cupcakes in to = 9

Therefore, number of cupcakes she placed in each box =  $36 \div 9$

$$= 4 \text{ cupcakes}$$

Therefore, she placed 4 cupcakes in each box.



2. Yesterday, Jerry received 8 packs of Pokémon cards. He shared them equally with his brother, Mike. If a pack of Pokémon cards contains 10 trading cards, how many trading cards did each person get?

Number of Pokémon cards Jerry received = 8 packs

Number of cards in each Pokémon pack = 10 trading cards

Therefore, total number of trading cards in each Pokémon cards

$$= 10 \times 8 = 80 \text{ trading cards.}$$

Now, since there are two brothers, it implies that number of trading cards each person got

$$= 80 \div 2 = 40 \text{ trading cards.}$$

So, each person got 40 trading cards.

3. A case of Pepsi contains 12 cans. Kyle is holding a dinner for 7 people and he purchased 4 cases of Pepsi. How many cans of Pepsi will each person get (including Kyle) assuming that they'll take equal cans of Pepsi?

Number of Pepsi cans in a case = 12 cans

Number of cases Kyle bought = 4 cases

So, total number of cans he bought =  $12 \times 4 = 48$  cans

Number of people that'll be at the dinner = 8 (including Kyle)

Therefore, number of cans each person will get

$$= 48 \div 8 = 6 \text{ cans.}$$

Hence, each person will get 6 cans of Pepsi.

