

#1

A teacher is trying to divide up her class into the maximum number of groups that have the same girl to boy ratio. How many groups can she make with 9 boys and 2 girls?

groups

Show your work

#2

Choose the best answer

Hannah found the same number of grapes and cherries in the fridge this morning. If Isabelle eats grapes in handfuls of 3, and cherries in handfuls of 5 what is the smallest number of each fruit that Isabelle had to have eaten?

- 15 20
 18 10

Show your work

#3

Caleb, the gym teacher, is splitting up teams at school. He has 9 boys and 3 girls. How many teams can he make without leaving anyone out, and while maintaining a consistent gender ratio?

teams

Show your work

#4

Choose the best answer

Darren can play every 5 days, and Matthew can play every 2 days. How many days until they can play together next?

 11 9 12 10

Show your work

#5

Choose the best answer

Madison is helping out at her sister's wedding and is preparing floral arrangements. There are 2 lilies and 10 daisies. What is the maximum number of arrangements Madison can make while having each of them be exactly the same and having no flowers left over?

 4 0 1 2

Show your work

#6

A teacher is trying to divide up her class into the maximum number of groups that have the same girl to boy ratio. How many groups can she make with 9 boys and 6 girls?

 groups

Show your work

#7

At the hospital Emily has every 5 days off, and her friend Addison has every 2 days off. In how many days will they have a day off together?

Show your work

#8

Choose the best answer

Joshua is a camp coordinator and is assembling first aid kits. If he has 4 bandages and 3 alcohol swabs then how many first aid kits can he make without having any leftover materials, and each first aid kit being the same?

- 1 0
- 2 3

Show your work

#9

Choose the best answer

Zachary is making chocolate chip blueberry pancakes. He has 4 chocolate chips, and 9 blueberries. How many identical pancakes can he make without having any leftover chocolate chips or blueberries?

- 4 0
- 1 3

Show your work

#10

Alyssa found the same number of grapes and cherries in the fridge this morning. If Savannah eats grapes in handfuls of 3, and cherries in handfuls of 4 what is the smallest number of each fruit that Savannah had to have eaten?

Show your work

#11

Choose the best answer

Jack is planning his birthday party and needs an equal number of cards and envelopes for his invites. If cards come in packs of 4, and envelopes come in packs of 5, what is the minimum number of cards he can buy?

- 16 21
- 20 17

Show your work

#12

Austin is making trail mix for his hike tomorrow. He has 2 cups of candy coated peanuts, and 9 cups of granola. How many bags can he make without having any ingredients left over, but with every bag having the exact same ratio of peanuts to granola?

 bags

Show your work

Question	Answer
#1	1
#2	15
#3	3
#4	10
#5	2
#6	3
#7	10
#8	1
#9	1
#10	12
#11	20
#12	1