

#1

Choose the best answer

Emma found the same number of grapes and cherries in the fridge this morning. If Hailey eats grapes in handfuls of 2, and cherries in handfuls of 4 what is the smallest number of each fruit that Hailey had to have eaten?

- 4 5
 2 7

Show your work

#2

Choose the best answer

Ashley is making Christmas gifts for her friends. She has 4 boxes of chocolate, and 5 small toys. She wants to use up all of the materials, while still keeping each present exactly the same. How many gifts can she make up?

- 0 2
 1 4

Show your work

#3

Choose the best answer

Evan, the gym teacher, is splitting up teams at school. He has 10 boys and 8 girls. How many teams can he make without leaving anyone out, and while maintaining a consistent gender ratio?

- 2 0
 4 5

Show your work

#4

Choose the best answer

Caleb is helping out at his sister's wedding and is preparing floral arrangements. There are 5 lilies and 4 daisies. What is the maximum number of arrangements Caleb can make while having each of them be exactly the same and having no flowers left over?

 3 4 1 0

Show your work

#5

Angela found the same number of grapes and cherries in the fridge this morning. If Brianna eats grapes in handfuls of 2, and cherries in handfuls of 4 what is the smallest number of each fruit that Brianna had to have eaten?

Show your work

#6

Maya owns a business and assigns two of her employees their shifts. She assigns the first employee shifts in blocks of 4 hours, and she assigns the second worker shifts in blocks of 2 hours. If both workers must receive the same number of hours, what is the minimum number of hours each must be assigned?

 hours

Show your work

#7

Dahlia found the same number of grapes and cherries in the fridge this morning. If Matthew eats grapes in handfuls of 2, and cherries in handfuls of 5 what is the smallest number of each fruit that Matthew had to have eaten?

Show your work

#8

Mason is making Christmas gifts for his friends. He has 10 boxes of chocolate, and 7 small toys. He wants to use up all of the materials, while still keeping each present exactly the same. How many gifts can he make up?

 gifts

Show your work

#9

Kevin, the gym teacher, is splitting up teams at school. He has 5 boys and 9 girls. How many teams can he make without leaving anyone out, and while maintaining a consistent gender ratio?

 teams

Show your work

#10

Choose the best answer

Avery is helping out at her sister's wedding and is preparing floral arrangements. There are 8 lilies and 2 daisies. What is the maximum number of arrangements Avery can make while having each of them be exactly the same and having no flowers left over?

- 3 0
- 2 5

Show your work

#11

Hannah is playing with her plastic soldiers and is dividing them up into identical units. She wants the same number of infantry and calvary in each group. How many units can she make if she has 8 calvary and 10 infantry without leaving any soldiers out?

units

Show your work

#12

The soccer field is used for ultimate frisbee and soccer. If soccer is every 5 days, and frisbee is every 2 days, in how many days will they first conflict on the use of the field?

days

Show your work

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