

#1

## Choose the best answer

Madison is making trail mix for her hike tomorrow. She has 10 cups of candy coated peanuts, and 6 cups of granola. How many bags can she make without having any ingredients left over, but with every bag having the exact same ratio of peanuts to granola?

- 2                       0  
 3                       4

Show your work

#2

## Choose the best answer

Caleb is making chocolate chip blueberry pancakes. He has 8 chocolate chips, and 9 blueberries. How many identical pancakes can he make without having any leftover chocolate chips or blueberries?

- 2                       3  
 4                       1

Show your work

#3

Anthony owns a business and assigns two of his employees their shifts. He assigns the first employee shifts in blocks of 2 hours, and he assigns the second worker shifts in blocks of 5 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

#4

## Choose the best answer

At the hospital Dahlia has every 3 days off, and her friend Avery has every 4 days off. In how many days will they have a day off together?

- 9                       12  
 10                       14

Show your work

#5

## Choose the best answer

Caleb is making chocolate chip blueberry pancakes. He has 4 chocolate chips, and 8 blueberries. How many identical pancakes can he make without having any leftover chocolate chips or blueberries?

- 2                       5  
 3                       4

Show your work

#6

## 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

#7

## Choose the best answer

Kevin is making chocolate chip blueberry pancakes. He has 6 chocolate chips, and 4 blueberries. How many identical pancakes can he make without having any leftover chocolate chips or blueberries?

- 1                       5  
 2                       4

Show your work

#8

## Choose the best answer

Tyler is helping out at his sister's wedding and is preparing floral arrangements. There are 8 lilies and 10 daisies. What is the maximum number of arrangements Tyler can make while having each of them be exactly the same and having no flowers left over?

- 2                       4  
 5                       1

Show your work

#9

The soccer field is used for ultimate frisbee and soccer. If soccer is every 2 days, and frisbee is every 3 days, in how many days will they first conflict on the use of the field?

days

Show your work

#10

Makayla 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 5 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

#11

## Choose the best answer

At the hospital Makayla has every 3 days off, and her friend Tyler has every 4 days off. In how many days will they have a day off together?

- 13                       15  
 16                       12

Show your work

#12

Daniel can play every 2 days, and Kaylee can play every 4 days. How many days until they can play together next?

days

Show your work

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