GCF & LCM Word Problems Sort

aligned to: 6.ns.4

Categorizing GCF and LCM Word Problems

Viridiana, a costume designer, has 36 bat buttons and 18 black cat buttons she must use to create costumes. What is the largest number of costumes she can make without having any buttons left over?

A. GCF   B. LCM

Card Set: Word Problems

You are making 75 mint chocolate bars and 45 caramel pecan bars for some gift boxes. If each box will contain exactly the same bars, what is the greatest number of gift boxes you can put together?

A

A package of hotdogs contains 10 hot dogs. A package of buns contains 8 buns. What is the least number packages of buns and hot dogs you must purchase, so you won't have left over hot dogs?

B

A party store is making balloon bouquets for a Halloween party. Every bouquet will be identical. The store will use 24 orange, 36 black and 12 purple balloons altogether. What is the greatest number of balloon bouquets the store will put together?

C

You are making cookies for a party. You are not sure whether you will have 12 friends or 20 friends show up at the party, and you want each person to have the same number of cookies. What is the least number of cookies you must make in order to share equally with either 12 friends, or with 20 friends?

D

Ms. Skinner was working with the volunteer club to make bags of treats for the nursing home visit. She bought a bag of 18 chocolates and a bag of 12 pens. What is the greatest number of bags she can make?

E

A Note to the Teacher

Thank you for your purchase! I hope you and your students enjoy these task cards. Use these as a review for students, learning or reinforcement center, or even as a pre or post test.

This activity is fully aligned with 6.ns.4

Print these cards and laminate them to use them over and over.

Please Note: The purchase of this product entitles you to use it in one classroom.

Graphics: JWIllustrations

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Viridiana, a costume designer, has 36 bat buttons and 18 black cat buttons she must use to create costumes. What is the largest number of costumes she can make without having any buttons left over?

A. GCF   B. LCM

Landon has 60 peppermints and 90 candy corns. He wants to make packages of these candies to bring to his school to pass out to his classmates. What is the maximum number of packages he can make using all items?

A. GCF   **B. LCM**

Categorizing GCF and LCM Word Problems

Hot dogs come in packages of 12 and hot dog buns come in packages of 10. What is the least number of packages of each that Dominique can buy to be able to have a weenie roast with no buns or hot dogs left over?

A. GCF   B. LCM

Mariana can make groups of 3, 4, or 9 pumpkins with none left over. What is smallest number of pumpkins she must have to make these groups?

A. GCF   **B. LCM**

GCF
{Greatest Common Factor}

Viridiana, a costume designer, has 36 bat buttons and 18 black cat buttons she must use to create costumes. What is the largest number of costumes she can make without having any buttons left over?

Landon 60 peppermints and 90 candy corns. He wants to make packages of these candies to bring to his school to pass out to his classmates. What is the maximum number of packages he can make using all items?

LCM
{Least Common Multiple}

Hot dogs come in packages of 12 and hot dog buns come in packages of 10. What is the least number of packages of each that Dominique can buy to be able to have a weenie roast with no buns or hot dogs left over?

Mariana can make groups of 3, 4, or 9 pumpkins with none left over. What is smallest number of pumpkins she must have to make these groups?