

Name: \_\_\_\_\_

Block: \_\_\_\_\_

## Common Factors

Find the solution for the problem below.  
Use illustrations to support your solution.



Connor and Grace are having a party and want to make treat bags for their guests. They want each bag to be identical with nothing left over. Connor has 36 Hot Wheels and Grace bought 72 Kit Kats to put in the bags. What is the greatest number of treat bags they can make and how many of each item will be in each treat bag?

Number of treat bags: \_\_\_\_\_

Number of Hot Wheels: \_\_\_\_\_

Number of Kit Kats: \_\_\_\_\_

Grace forgot that she is making 48 sugar cookies and Connor had 32 apples. They now want to see how many treat bags they can make so that each new portion of cookies and apples are identical as well. Now, what is the greatest number treat bags they can make and how many of each item will be in each treat bag?

Number of treat bags: \_\_\_\_\_

Number of Hot Wheels: \_\_\_\_\_

Number of Kit Kats: \_\_\_\_\_

Number of Sugar Cookies: \_\_\_\_\_

Number of apples: \_\_\_\_\_