

Solve the Following Word Problems

1. Sarah is counting a collection of marbles. If the total number of marbles is divisible by 3, can she distribute them equally among three friends?
2. John is stacking books on shelves, some with multiples of 3 pages and some with non-multiples. If he chooses 21 books, how many of them will likely have a multiple of 3 pages?
3. A bakery is preparing cupcakes for a party, placing them in boxes of 6. If they have 27 cupcakes remaining, can they evenly fill another complete box?
4. Alex is organizing a deck of cards, some with numbers divisible by 3 and some with non-divisible numbers. If he draws 15 cards, how many are likely to have numbers divisible by 3?
5. A farmer is packaging apples in crates of 9. If there are 36 apples left, can they be evenly distributed into complete crates?
6. Emma is sorting a pile of buttons. If she selects 24 buttons at random, how many of them will likely have a number of holes divisible by 3?

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1. A toy factory is producing toy cars, placing them in sets of 3. If there are 30 toy cars left to package, can they form complete sets?
2. A classroom is arranging pencils in sets of 12 for a school activity. If there are 39 pencils remaining, can they be evenly placed in complete sets?
3. Liam is counting a stack of money, with some bills being multiples of 3 and others not. If he counts 33 bills, how many of them will likely be multiples of 3?
4. Rachel is distributing candies into bags, placing 18 candies in each bag. If there are 25 candies left, can they be evenly distributed into complete bags?
5. A jewelry maker is organizing sets of bracelets, with each set containing 3 bracelets. If there are 42 bracelets left, can they form complete sets?
6. A construction site has boxes of nails, each containing 15 nails. If there are 48 nails left, can they be evenly divided into complete boxes?