

Solve the Following Word Problems

1. Alice has a collection of even-numbered marbles. If she arranges them in rows of 4, will there be any marbles left over?
2. In a deck of cards, John selects 18 cards. How many of these cards will have an even number?
3. A toy factory is packaging toys into boxes, with each box containing 6 toys. If they have 28 toys left to package, can they evenly fill the last box?
4. Sarah is organizing a stack of books, some with even page numbers and some with odd page numbers. If she picks up 15 books, how many of them will have an even number of pages?
5. A bakery bakes cookies and places them in trays of 24. If they have 37 cookies remaining, can they fill another complete tray?
6. A gardener is planting flowers in sets of 10. If there are 56 flowers left to plant, can they form a complete set?

Solve the Following Word Problems

1. Amy is sorting a pile of buttons. If she selects 22 buttons at random, how many of them are likely to have an even number of holes?
2. A computer store is packaging cables in groups of 5. If there are 17 cables left, can they form a complete package?
3. A teacher is distributing pencils to students, putting 8 pencils in each box. If there are 31 pencils left, can they be evenly placed in a box?
4. Mark is arranging a set of DVDs, some with even durations and some with odd durations. If he picks 12 DVDs, how many of them will likely have an even duration?
5. A mechanic has boxes of screws, each containing 20 screws. If there are 45 screws left, can they be evenly divided into complete boxes?
6. A jewelry maker is organizing sets of earrings, with each set containing 2 earrings. If there are 29 earrings left, can they form complete sets?