

1. 15 of Sarah's friends go to North High School. There are two foreign languages at North High: Spanish and French. 4 of Sarah's friends are not taking any foreign language class. Only 6 of her friends are not taking Spanish. 5 of her friends are taking French. How many of Sarah's friends are taking Spanish that are not taking French?

2. There are 18 students in Ms. Nelson's class. After school on Thursday, there is a Lego club. After school on Tuesday there is a board game club. Six of the students don't go to either club. Eight students go to Lego club. Nine students go to the board game club. How many students go to Lego club but not board game club?

3. Sam has 18 hardback books.

All of Sam's fantasy books are fiction

Sam has 12 fantasy books

$\frac{1}{3}$ of Sam's fantasy books are hardback books

Sam has 6 paperback books that are non-fiction

Sam has 24 fiction books.

5 of Sam's books are hardback books that are fiction but not fantasy-fiction.

How many books does Sam have?

4. There are 29 pens in my drawer

Only one of my pens is an erasable marker, and it is a yellow highlighter.

$\frac{1}{4}$ of my erasable pens are black.

I have 9 black pens, and my favorites are the 3 that are erasable.

I have 2 black markers

20 of my pens are not markers

How many of my pens are not erasable, not black and not markers?