Please write down the subject you have chosen:

The search for big prime numbers

Collecting relevant search terms

1. Determine three relevant search terms that describe your subject to a large extend. Use search terms that are relevant to your subject and are not too broad or too narrow. Only use multiple words as a search term if words belong together inseparably. Don't use prepositions, articles and other words that structure a sentence grammatically. Fill in the search terms in the table below.

2. Search each search term **separately** in one of the databases you chose in the 'Databases assignment' from the previous module. Fill in which database you used in the highlighted section in the table below. **Don't use LibrarySearch here!**

3. Fill in the number of results for each term and database in the table below.

	Search term 1	Search term 2	Search term 3
Search terms	Large primes search	Big primes AND applications	Large prime history
Number of results found in mathscinet	161	170	193

Finding alternative search terms

Find alternative search terms for the 3 terms you have used in the assignment above. These alternative search terms can be found in relevant articles from your first search query (e.g. keywords, abstracts, subject database), and in thesauri or general information websites such as Wikipedia. Write the alternative terms and where you found them down in the table below. **Don't use new topics here!**

	Alternative search term 1	Alternative search term 2	Alternative search term 3
Alternative search terms	Great internet marsenne prime search OR GIMPS	Cryptography AND primes	Primality AND prime factorization
Where did you find the related search terms?	wikipedia	Mathscinet	Mathscienet