Maths Problems:

[Elementary School Math]

1. <https://codeforces.com/contest/1907/problem/C> [also greedy, but very important problem]
2. <https://codeforces.com/contest/1899/problem/D> [somewhat challenge, 1400]
3. <https://codeforces.com/contest/1883/problem/A>
4. <https://codeforces.com/contest/1878/problem/C>
5. <https://codeforces.com/contest/1873/problem/B> [avoid brute force here, focus on the math]
6. <https://codeforces.com/contest/1872/problem/A>
7. <https://codeforces.com/contest/1857/problem/A>
8. <https://codeforces.com/contest/1851/problem/B> [also can go in sorting]
9. <https://codeforces.com/contest/1840/problem/B>
10. <https://codeforces.com/contest/1833/problem/C>
11. <https://codeforces.com/contest/1822/problem/C>
12. <https://codeforces.com/contest/1822/problem/D>

[Prime Factorization]

1. <https://codeforces.com/problemset/problem/1916/B>

2. <https://codeforces.com/contest/1883/problem/C>

3. <https://cses.fi/problemset/task/1713> [think how you can modify the sieve taught in the lecture to count the number of divisors rather than just checking prime]

4. <https://codeforces.com/contest/1881/problem/D> [harder, but very good prime factorization problem]

[Division]

1. <https://codeforces.com/contest/1899/problem/A>
2. <https://codeforces.com/contest/1899/problem/B>
3. <https://codeforces.com/contest/1881/problem/B>
4. <https://codeforces.com/contest/1878/problem/B>
5. <https://codeforces.com/contest/1851/problem/A>

[GCD / LCM]

<https://codeforces.com/contest/1872/problem/D>

A Helpful blogs for beginners:

<https://codeforces.com/blog/entry/85172>