

```

In[1]:= x = ReadList["F:\\prog\\aoc2020\\01input.txt"];
        xComplement = 2020 - x;
        intersection = x ∩ xComplement

Out[3]= {696, 1324}

In[4]:= Times @@ intersection

Out[4]= 921 504

In[5]:= upperBound = 2020 - (RankedMin[x, 1] + RankedMin[x, 2]);
        x3 = Select[x, # < upperBound &];
        P = Sort /@ Permutations[x3, {3}] // Union;
        reducedP = Select[P, OddQ@Total@Boole@EvenQ@# &];

In[9]:= Times @@@ Select[reducedP, Total@# == 2020 &]

Out[9]= {195 700 142}

```