# Beskrivning: SIHK logo centr med payoff_rgb_A4Beskrivning: Beskrivning: QuestPYTHAGORAS QUEST

**National Final**

**Part 3 Max time: 10 min**

**Decider Question**

Calculator and other digital tools, not allowed.

**If two teams have the same points after Parts 1 and 2, then this counts as the decider question. In the first place, correct answers are considered. Secondly the team that solved it in the shortest possible time will be placed before the other team(s).**

Let *a*1=20, *a*2=16 and *a*n=*a*n-1 - *a*n-2, when n > 2.

What is *a*1 + *a*2 + ... + *a*2016?