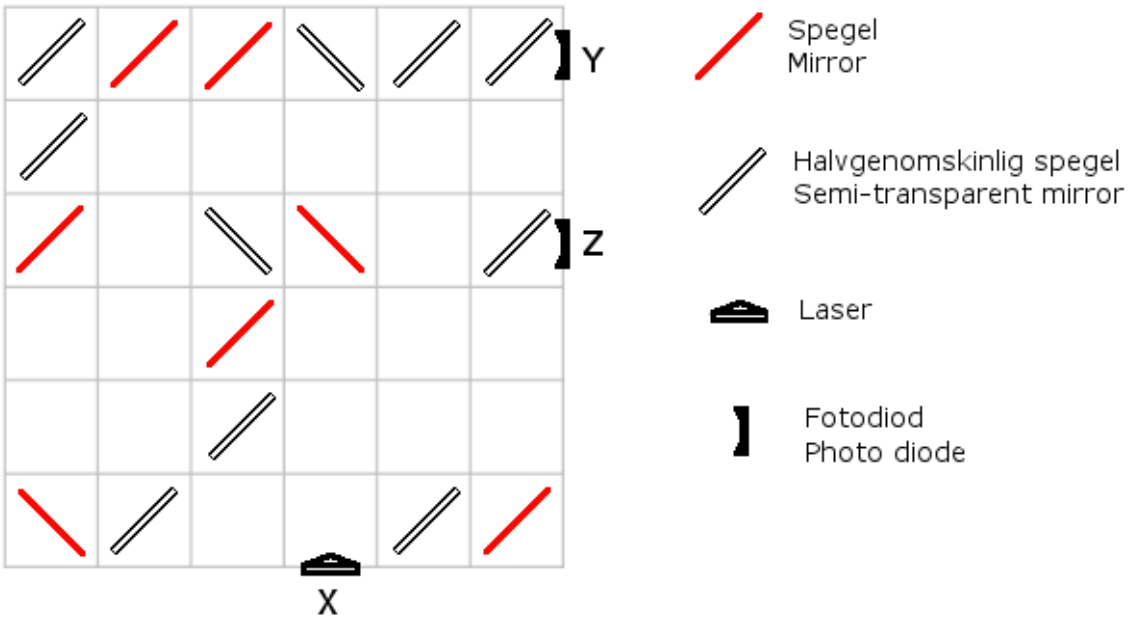
GC-code	Name	Owner	Diff	Terr	Size	Swe	Eng
GC45AVG	Juveler eller jävelskap	mtekla	3.5	4.0	Sma	s 1	-
GC46BX8	Nanometrar	mtekla	3.0	2.5	Sma	Web	-
GC4528W	Reflektioner	fredrikr	3.0	2.0	Mic	s 3	p 1
GC442GN	Vilse	TFLC	3.5	2.5	Oth	s 2	-

Reflektioner i Guldskogen (MMDO13)

GC-code: **GC4528W** Coordinates: N 59° 19.650 E 017° 48.431
Attributes: Night cache, Flashlight required, Not available during winter.



The laser at X fires a laser beam with a power of 1000mW. A mirror reflects 90% of the incoming light, while the rest is lost as heat. A semi-transparent mirror reflects 40% of the light, lets 50% through and loses 10% as heat. Except for this, there are no losses in the system. How many mW of power do the laser beams hitting the photo diodes at Y and Z have?

Wait until dark, bring a flashlight, and go to:
N59° AA.AAA, E17° BB.BBB
AAAAA = 18961 + 10 * Y
BBBBB = 48235 + 10 * Z