

BECA / Huson / Algebra 2: Polynomials Jan 2023 Regents Name:  
23 December 2023

**Regents problems: Polynomials**

1. If  $(6 - ki)^2 = 27 - 36i$ , the value of  $k$  is

(a)  $-36$

(b)  $-3$

(c)  $3$

(d)  $6$