

# Act i

$$i \equiv \sqrt{-1}$$

1. What is  $(-i)i$  ?

a.  $-i$     b.  $-1$     c.  $+1$

2. What is  $1/i$ ?

a.  $-1$     b.  $-i$     c.  $+i$

3. What is  $|e^{i\phi}|^2$  ?

a.  $0$     b.  $e^{2i\phi}$     c.  $1$