

## Chapter 14 Reading Quiz

1. A subring of a ring  $R$  is called a (two-sided) ideal of  $R$  if for every  $r \in R$  and every  $a \in A$   
(fill in the blank).
2. The Ideal Test has two parts.  
Describe the additive closure part.
3. Give three distinct ideals of  $\mathbb{Z}$ .