***Solution Section* 8.1 – Proving Identities**

***Exercise***

Prove the identity 

***Solution***













 ***√***

***Exercise***

Prove the identity 

***Solution***







 ***√***

***Exercise***

Prove the identity 

***Solution***





 ***√***

***Exercise***

Prove the identity 

***Solution***



 ***√***

***Exercise***

Prove the identity 

***Solution***







 ***√***

***Exercise***

Prove the identity 

***Solution***



 ***√***

***Exercise***

Prove the identity 

***Solution***





 ***√***

***Exercise***

Prove the identity 

***Solution***









 ***√***

***Exercise***

Prove 

***Solution***





 ***√***

***Exercise***

Prove 

***Solution***





 ***√***

***Exercise***

Prove 

***Solution***





 ***√***

***Exercise***

Prove 

***Solution***











 ***√***

***Exercise***

Prove 

***Solution***















 ***√***

***Exercise***

Prove: 

***Solution***









 ***√***

***Exercise***

Prove: 

***Solution***









 ***√***

***Exercise***

Prove: 

***Solution***











 ***√***

***Exercise***

Prove the identity: 

***Solution***





 ***√***

***Exercise***

Prove the identity: 

***Solution***





 ***√***

***Exercise***

Prove the identity: 

***Solution***











 ***√***

***Exercise***

Prove the identity: 

***Solution***







 ***√***

***Exercise***

Prove the identity: 

***Solution***





 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***



 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***







 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***







 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***







 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***







 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***









 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***





 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***





 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***









 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***



 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***







 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***



 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***











 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***











 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***









 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***





 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***





 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***



 





 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***

 

 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***







 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***







 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***









 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***









 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***





 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***





 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***











 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***





 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***

 







 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***









 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***







 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***









 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***







 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***







 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***













 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***







 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***











 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***



 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***









 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***



 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***





 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***







 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***



















 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***









 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***





 





 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***



 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***









 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***



 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***





 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***

 



 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***











 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***









 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***





 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***





 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***





 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***









 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***





 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***





 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***









 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***





 ***√***

***Exercise***

Prove the following equation is an identity: 

***Solution***





 ***√***