## Converting Binary to Decimal (A) Answers

Write each binary number as a decimal number.

1. Binary = 
$$1001$$
 Decimal =  $9$ 

2. Binary = 
$$100000$$
  
Decimal =  $32$ 

$$^{3.}$$
 Binary = 1100101101

Decimal = 813

4. Binary = 
$$100001000$$
  
Decimal =  $264$ 

5. Binary = 
$$10101001$$
  
Decimal =  $169$ 

6. Binary = 
$$1010000100$$
  
Decimal =  $644$ 

7. Binary = 
$$1011010111$$
  
Decimal =  $727$ 

8. Binary = 
$$10101011111$$
  
Decimal =  $687$ 

9. Binary = 
$$110111111110100$$
  
Decimal =  $7156$ 

Binary = 
$$1101101011111$$
Decimal =  $3503$