Name : _____ Score : _____

Teacher : _____ Date : _____

Converting Decimal and Binary Numbers

Convert the given Decimal number to its Binary equivalent.

1) $235_{(10)}$ = _____ (2)

2) $240_{(10)}$ = _____ (2)

3) $132_{(10)}$ = _____ (2)

4) $180_{(10)}$ = _____ (2)

5) $219_{(10)}$ = _____ (2)

6) $179_{(10)}$ = _____ (2)

7) $100_{(10)}$ = _____ (2)

8) $73_{(10)}$ = _____ (2)

Convert the given Binary to its Decimal equivalent.

9) $1111001_{(2)}$ = _____ (10)

10) $10111011_{(2)}$ = _____ (10)

11) $1101100_{(2)}$ = _____ (10)

12) $1111101_{(2)}$ = _____ (10)

13) $1010110_{(2)}$ = _____ (10)

14) $1000101_{(2)}$ = _____ (10)

15) $1000001_{(2)}$ = _____ (10)

16) $11000001_{(2)}$ = _____ (10)

Name : _____ Score : _____

Teacher : _____ Date : _____

Converting Decimal and Binary Numbers

Convert the given Decimal number to its Binary equivalent.

1) $235_{(10)}$ = 11101011 $_{(2)}$

2) $240_{(10)}$ = 11110000 $_{(2)}$

3) $132_{(10)}$ = 10000100 $_{(2)}$

4) $180_{(10)}$ = 10110100 $_{(2)}$

5) $219_{(10)}$ = 11011011 $_{(2)}$

6) $179_{(10)}$ = 10110011 $_{(2)}$

7) $100_{(10)}$ = 1100100 $_{(2)}$

8) $73_{(10)}$ = 1001001 $_{(2)}$

Convert the given Binary to its Decimal equivalent.

9) $1111001_{(2)}$ = 121 $_{(10)}$

10) $10111011_{(2)}$ = 187 $_{(10)}$

11) $1101100_{(2)}$ = 108 $_{(10)}$

12) $1111101_{(2)}$ = 125 $_{(10)}$

13) $1010110_{(2)}$ = 86 $_{(10)}$

14) $1000101_{(2)}$ = 69 $_{(10)}$

15) $1000001_{(2)}$ = 65 $_{(10)}$

16) $11000001_{(2)}$ = 193 $_{(10)}$