Navn : _____   _____

Lærer : _____   Dato : _____

Converting Decimal and Binary Numbers

Convert the given Decimal number to its Binary equivalent.

1) $201_{(10)}$ = _____ $_{(2)}$

2) $190_{(10)}$ = _____ $_{(2)}$

3) $220_{(10)}$ = _____ $_{(2)}$

4) $138_{(10)}$ = _____ $_{(2)}$

5) $243_{(10)}$ = _____ $_{(2)}$

6) $231_{(10)}$ = _____ $_{(2)}$

7) $255_{(10)}$ = _____ $_{(2)}$

8) $177_{(10)}$ = _____ $_{(2)}$

Convert the given Binary to its Decimal equivalent.

9) $10110111_{(2)}$ = _____ $_{(10)}$

10) $1010011_{(2)}$ = _____ $_{(10)}$

11) $1110000_{(2)}$ = _____ $_{(10)}$

12) $10100001_{(2)}$ = _____ $_{(10)}$

13) $10101001_{(2)}$ = _____ $_{(10)}$

14) $1111111_{(2)}$ = _____ $_{(10)}$

15) $1001111_{(2)}$ = _____ $_{(10)}$

16) $1011100_{(2)}$ = _____ $_{(10)}$

Navn : _____   _____

Lærer : _____   Dato : _____

Converting Decimal and Binary Numbers

Convert the given Decimal number to its Binary equivalent.

1) $201_{(10)}$ = __11001001__ $_{(2)}$

2) $190_{(10)}$ = __10111110__ $_{(2)}$

3) $220_{(10)}$ = __11011100__ $_{(2)}$

4) $138_{(10)}$ = __10001010__ $_{(2)}$

5) $243_{(10)}$ = __11110011__ $_{(2)}$

6) $231_{(10)}$ = __11100111__ $_{(2)}$

7) $255_{(10)}$ = __11111111__ $_{(2)}$

8) $177_{(10)}$ = __10110001__ $_{(2)}$

Convert the given Binary to its Decimal equivalent.

9) $10110111_{(2)}$ = __183__ $_{(10)}$

10) $1010011_{(2)}$ = __83__ $_{(10)}$

11) $1110000_{(2)}$ = __112__ $_{(10)}$

12) $10100001_{(2)}$ = __161__ $_{(10)}$

13) $10101001_{(2)}$ = __169__ $_{(10)}$

14) $1111111_{(2)}$ = __127__ $_{(10)}$

15) $1001111_{(2)}$ = __79__ $_{(10)}$

16) $1011100_{(2)}$ = __92__ $_{(10)}$