

Navn : _____

Lærer : _____ Dato : _____

Converting Decimal and Binary Numbers

Convert the given Decimal number to its Binary equivalent.

1) $18_{(10)} =$ _____ $_{(2)}$

2) $30_{(10)} =$ _____ $_{(2)}$

3) $21_{(10)} =$ _____ $_{(2)}$

4) $13_{(10)} =$ _____ $_{(2)}$

5) $20_{(10)} =$ _____ $_{(2)}$

6) $12_{(10)} =$ _____ $_{(2)}$

7) $19_{(10)} =$ _____ $_{(2)}$

8) $17_{(10)} =$ _____ $_{(2)}$

Convert the given Binary to its Decimal equivalent.

9) $1011_{(2)} =$ _____ $_{(10)}$

10) $11111_{(2)} =$ _____ $_{(10)}$

11) $11011_{(2)} =$ _____ $_{(10)}$

12) $11101_{(2)} =$ _____ $_{(10)}$

13) $11001_{(2)} =$ _____ $_{(10)}$

14) $1010_{(2)} =$ _____ $_{(10)}$

15) $1110_{(2)} =$ _____ $_{(10)}$

16) $10110_{(2)} =$ _____ $_{(10)}$



Navn : _____

Lærer : _____ Dato : _____

Converting Decimal and Binary Numbers

Convert the given Decimal number to its Binary equivalent.

1) $18_{(10)} = 10010_{(2)}$

2) $30_{(10)} = 11110_{(2)}$

3) $21_{(10)} = 10101_{(2)}$

4) $13_{(10)} = 1101_{(2)}$

5) $20_{(10)} = 10100_{(2)}$

6) $12_{(10)} = 1100_{(2)}$

7) $19_{(10)} = 10011_{(2)}$

8) $17_{(10)} = 10001_{(2)}$

Convert the given Binary to its Decimal equivalent.

9) $1011_{(2)} = 11_{(10)}$

10) $11111_{(2)} = 31_{(10)}$

11) $11011_{(2)} = 27_{(10)}$

12) $11101_{(2)} = 29_{(10)}$

13) $11001_{(2)} = 25_{(10)}$

14) $1010_{(2)} = 10_{(10)}$

15) $1110_{(2)} = 14_{(10)}$

16) $10110_{(2)} = 22_{(10)}$

