

Name : _____

Score : _____

Teacher : _____

Date : _____

Converting Decimal and Binary Numbers

Convert the given Decimal number to its Binary equivalent.

1) $33_{(10)} = \underline{\hspace{2cm}}_{(2)}$

2) $51_{(10)} = \underline{\hspace{2cm}}_{(2)}$

3) $47_{(10)} = \underline{\hspace{2cm}}_{(2)}$

4) $57_{(10)} = \underline{\hspace{2cm}}_{(2)}$

5) $48_{(10)} = \underline{\hspace{2cm}}_{(2)}$

6) $46_{(10)} = \underline{\hspace{2cm}}_{(2)}$

7) $34_{(10)} = \underline{\hspace{2cm}}_{(2)}$

8) $52_{(10)} = \underline{\hspace{2cm}}_{(2)}$

Convert the given Binary to its Decimal equivalent.

9) $111010_{(2)} = \underline{\hspace{2cm}}_{(10)}$

10) $101000_{(2)} = \underline{\hspace{2cm}}_{(10)}$

11) $101101_{(2)} = \underline{\hspace{2cm}}_{(10)}$

12) $100000_{(2)} = \underline{\hspace{2cm}}_{(10)}$

13) $111100_{(2)} = \underline{\hspace{2cm}}_{(10)}$

14) $110010_{(2)} = \underline{\hspace{2cm}}_{(10)}$

15) $111000_{(2)} = \underline{\hspace{2cm}}_{(10)}$

16) $110101_{(2)} = \underline{\hspace{2cm}}_{(10)}$

