Lesson – 3 Converting Decimal Base 10 to Hexadecimal Base 16

Name _____

Directions:  Click on the video button this will allow you to view the directions and also present to you the answers to this lesson.  This video will also contain part of the instructional video from the website. You will be provided both base numbers allow you to covert both ways.  Please place the correct answer in the space provided.  Remember the Instructional video will assist you in obtaining the answers also. **NOTE:  SHOW YOUR WORK!**

| HEXADECIMAL | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | A | B | C | D | E | F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DECIMAL | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |

(1) 6 in hexadecimal is equal to _____ in decimal.

(2)  130  in decimal is equal to _____ in hexadecimal.

(3) 1C9 in hexadecimal is equal to _____ in decimal.

(4) 235 in decimal is equal to _____ in hexadecimal.

(5) AB in Hexadecimal is equal to _____ decimal.