Lesson – 2 Converting Decimal Base 10 to Octal Base 2

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!**

8^8	8^7	8^6	8^5	8^4	8^3	8^2	8^1	8^0
16M	2M	262k	32k	4k	512	64	8	1

(1) **7 Decimal is equal to _____ Octal?**

(2) **12 Octal is equal to _____ Decimal?**

(3) **19 Decimal is equal to _____ Octal?**

(4) **70 Octal is equal to _____ Decimal?**

(5) **134 Decimal is equal to _____ Octal?**

(6) **1030 Octal is equal to _____ Decimal?**