Question: When organizing the CellularRAM memory as described in the laboratory write-up, how many words are not displayed or “wasted”?

* 512x512 = 262144. Valid memory is 320x480 = 153600. The wasted words per image = 262144 – 153600. With 32 images, there are 3473408.

Question: Which bits of a frame buffer word store the “Green” pixel values for the “odd” pixel (i.e., the pixel that is in an odd column)?

* Bit position 12 -10

Question: Which memory address stores the pixel information for location (x, y) = (590, 157) in image #14 (i.e.,the image using the 5-bit image value of 01110)?

* 011 1001 0011 1011 0010 0111

Question: What image number, row, and column are associated with memory address 0x1C5D2C?

* 7th image, 46th row, 300th column