

Screen:



$$256 = 2^8$$

$$512 = 2^9$$

$$2^8 \times 2^9 = 2^{17} \text{ pixels.}$$

$$2^{17} \text{ pixels} / 2^4 \text{ pixels per word}$$

$$= \underline{\underline{2^{13} \text{ words}}} = 8192.$$

Address space:

