$$2^{11} = (2^{5}) \cdot 2$$

$$= ((2^{3})^{2} \cdot 2)^{2} \cdot 2$$

$$= (((2^{3})^{3})^{2} \cdot 2)^{2} \cdot 2$$

$$= ((((2^{3})^{3})^{2})^{2} \cdot 2$$

$$= ((((2^{3})^{3})^{2})^{2} \cdot 2)$$

$$= ((((2^{3})^{3})^$$

 $x = x \cdot x$; \leftarrow double x.