

CSCI 485 assignment 8

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April 17, 2020

1 lecture 7 file systems p3 13:30

$$\frac{2 * 2^{40}}{2 * 2^{10}} = 2^{30} \text{ blocks}$$

$$\frac{2 * 2^{10}}{2^2} = 2^9 \text{ free blocks}$$

$$\frac{2 * 2^{30}}{2^9} = 2^{22} \text{ blocks}$$

$$\frac{2^{22}}{2^{30}} = \frac{1}{2^{18}} = 0.390625$$