

1.2

1.4

1BM:
$$1 \text{move} = 12.77 \text{ GB} \left(\frac{10^3 \text{MB}}{1 \text{ GB}} \right) \left(\frac{307 \text{ kg}}{5 \text{ MB}} \right) = 2.3 \cdot 10^6 \text{ kg}$$

SD-CARD: 1 movie = 12.77 GB
$$\left(\frac{1}{10^3}\right)\left(\frac{4.5}{10^3}\right)\left(\frac{1}{10^3}\right) = 5.7 \cdot 10^{-5}$$
 kg

13M:
$$1_{\text{movie}} = 12.7768 \left(\frac{10^6 \text{ kB}}{168}\right) \left(\frac{15}{6.6 \text{ kB}}\right) = 1.9.10^6 \text{ s}$$

$$1_{\text{movie}} = 12.7768 \left(\frac{10^6 \, \text{kB}}{168}\right) \left(\frac{1 \, \text{k}}{6.6 \, \text{kB}}\right) \left(\frac{1 \, \text{k}}{3600 \, \text{s}}\right) \left(\frac{1 \, \text{day}}{24 \, \text{k}}\right) = 22 \, \text{days}$$

$$SD-CARD$$
: $1 movie$: $12.77 GB $\left(\frac{10^3 MB}{1 GB}\right) \left(\frac{15}{50 MB}\right) = 1425$$

1 movie:
$$12.77 68 \left(\frac{10^3 \text{ MB}}{168}\right) \left(\frac{15}{90 \text{ MB}}\right) \left(\frac{1 \text{ min}}{60 \text{ s}}\right) = \boxed{2.4 \text{ min}}$$

1BM:
$$1GB = 1GB \left(\frac{10^{3} \text{MB}}{16B}\right) \left(\frac{300 \cdot 10^{3} \text{ } \pm 10^{3}$$

SD-CARD:
$$16B = 16B \left(\frac{17B}{10^3 GB}\right) \left(\frac{220 \, \$}{17B}\right) = 0.22 \, \$$$
22 cents!

1 IBM =
$$z = 50$$
-CARD

6.10³ \(\frac{1}{3} = \frac{1}{2} \cdot 0.22 \) \(\frac{1}{3} \cdot \frac{1}{3} \cdot 0.22 \) \(\frac{1













