



(c) (6) 18 rows
(b) (7) (8) rows
(d) (8/2 = 9 (rows) 
$$\frac{1}{2}$$

WAV file size = 176 KB/s from Internet 8.4 Image size = IMB Eye can watch 24 frame/s I was born in 1999/12/11 time elapse ~ 764500000 (5) 7645×105 × (106×24+176×100) +8 =147860416 ×109 =1.47860416×1017 10" ×10 3 ×2 = 2×1014 My brain is full Shakespear's works contain 884421 words average word length 251 1. each character bit information ≈ 1-6 bit 884421 x 5 x 1, 6 = 7675368 = 2.075768 x 106 I can memorize Shakespear's works