| 0 | 1 |

Put the following capacities into size order (where 1 is the smallest and 4 is the largest).

[3 marks]

Capacity	Order (1–4)
0.5 Terabytes	
3500 Kilobytes	
2.5 Gigabytes	
6250 Megabytes	

0 2 . 1 What is the largest decimal number that can be represented using 5 bits?

[1 mark]

0 2 . 2 How many bits are there in 3 MB?

Show your working.

[2 marks]

Answer

0 3 . 1 What is the largest decimal number that can be represented using 6 bits?

[1 mark]

0 3 . 2 How many bits are there in 5 kB?

You should show your working.

[2 marks]

Answer _____

| 0 | 4 |

How many bits are there in two kilobytes?

Show your working.

[2 marks]

Answer _____ bits

0 5 Convert 16 000 000 bits to megabytes (MB).

You should show your working.

[2 marks]

_____

_____

_____

_____

Answer_____ MB

0 6   Bob purchases a 4GB SD card for use as secondary storage in his phone.

0 6 . 1   Calculate how many megabytes there are in 4GB. Show your working.

[2 marks]

0 7 Calculate the number of **bits** in 7 MB.

Show your working.

[2 marks]

Answer _____ bits