

Data Storage Units

1. How many bits are in a byte? (1)

Answer the following questions using storage units based on powers of 2.

2. Complete the table below (6)

	Abbreviation	Number of bytes
Kilobytes		
Megabytes		
Gigabytes		

3. How many bytes are in 10 kilobytes? (1)

4. How many bytes are in 5 megabytes? (1)

5. Give the capacity of 8GB memory in bytes (1)

6. Give the file size shown below in megabytes (show your working). (2)

51,200KB

7. Give the file size shown below in gigabytes (show your working). (2)

2,048MB