**Storage Requirements**

Formula = **[** (l x b) x DPI2 **]** x BD

(Length x height) x Dots per inch2 x Bit depth

1. A graphic is 3 inches by 4 inches. There are 300 dots per inch and 8 bit colour depth. What is the file size? *Leave in reasonable units.*
2. A graphic is 1 inch by 4 inches. There are 150 dots per inch and 8 bit colour depth. What is the file size? *Leave in reasonable units.*
3. A graphic is 4 inches by 2 inches. There are 200 dots per inch and 16 bit colour depth. What is the file size? *Leave in reasonable units.*
4. A graphic is 10 inches by 8 inches. There are 400 dots per inch and 24 bit colour depth. What is the file size? *Leave in reasonable units.*
5. A graphic is 6 inches by 2 inches. There are 250 dots per inch and 16 bit colour depth. What is the file size? *Leave in reasonable units.*
6. A graphic is 3 inches by 3 inches. There are 300 dots per inch and 8 bit colour depth. What is the file size? *Leave in reasonable units.*
7. A graphic is 9 inches by 6 inches. There are 50 dots per inch and 24 bit colour depth. What is the file size? *Leave in reasonable units.*
8. A graphic is 8 inches by 5 inches. There are 400 dots per inch and 8 bit colour depth. What is the file size? *Leave in reasonable units.*
9. A graphic is 2 inches by 3 inches. There are 500 dots per inch and 16 bit colour depth. What is the file size? *Leave in reasonable units.*
10. A graphic is 4 inches by 1 inch. There are 900 dots per inch and 24 bit colour depth. What is the file size? *Leave in reasonable units.*