## **Tutorial 1: Solutions**

- Q1. 1 Mbyte for 8 bpp and 4 Mbytes for 32 bpp.
- Q2. Pixel coordinates (unsigned) integers. World coordinates typically double/float but it depends on application...
- Q3. Steps: 1. Determine which part(s) of the line are inside the Drawing Area; 2. Draw the required visible segment of the line.

```
Q4. Xd = Xw * 0.125 + 0.25, Yd = Yw * 0.25 + 0.25 - Normalised Device Coordinates <math>Xd = Xw * 128 + 255, Yd = Yw * 256 + 255 - Pixel Coordinates.
```