1.1. 23.0

1.2. 3

1.3. 2.2

1.4. 5

1.5. 1

2.1. char x = ‘A’;

2.2. int x=24;

int y =17;

float z = (x+y)/2f;

System.out.println(z);

2.3. x = (3\*y) – 6;

y = x / 3;

y = x % 5;

3.1. float y = x; should be double y =x;

3.2. The program would run but there would be an error : / by zero.

3.3. Yes, char is a character value not a numerical value.

4. The problem is that int only gives you a literal amount of how many times 10 goes into 32 and not the exact amount. 10 goes into 32 3 times with a remainder of 2. Double gives the exact amount 3.2.