**Problem1-1.**

**(a)7.4**

**(b)5.0**

**(c)** **22.22474487139159**

**(d)11.0**

**(e)** **ZeroDivisionError: division by zero**

**Problem1-2**

**(a)2.0**

**(b)2**

**(c)2.0**

**(d)2.0**

**Problem1-3**

**a = 2**

**b = 5**

**c = 2**

**q = b\*b - 4\*a\*c**

**q\_sr = q \*\* (1/2)**

**x1 = (-b + q\_sr)/(2\*a)**

**x2 = (-b - q\_sr)/(2\*a)**

**print("x1=", x1, "x2=", x2)**

**x1=-0.5 x2=-2.0**