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1. (5 Points) Find 3 distinct syntax errors in the following program and suggest an appropriate correction:

1	#include <iostream>	21	class Rect:Shape{
2	using namespace std;	22	public:
3		23	float area (){
4	class Shape{	24	return (l*w);
5		25	}
6	public:	26	};
7	int l,w;	27	
8		28	int main (){
9	void set_values(int l, int w){	29	
10	this->l=l;	30	Rect r;
11	this->w=w;	31	r.set_values(2,3);
12	}	32	
13		33	r.show_data();
14	void show_data(){	34	
15	cout<<l<<endl;	35	Shape *s=&r;
16	cout<<w<<endl;	36	s.area();
17	}	37	
18		38	return 0;
19	float area (){}	39	}
20	};		

NO.	Line	Error	Correction
1	-----	----- -----	----- -----
2	-----	----- -----	----- -----
3	-----	----- -----	----- -----

2. (5 Points) Write a class Calculator that holds two integer values x,y set by the class constructor. The class also contains a member function div that return x/y. The class should handle the possible exception in case (y=0)

[Answer this question behind]