

## Review Test Submission: Week 04 : Test

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Subject	Programming for Mechatronic Systems Autumn 2017
Test	Week 04 : Test
Started	3/04/17 3:21 PM
Submitted	3/04/17 3:21 PM
Due Date	3/04/17 3:25 PM
Status	Needs Grading
Attempt Score	0 out of 1 points
Time Elapsed	6 minutes out of 10 minutes
Instructions	You have 10 minutes to complete the 5 questions
Results Displayed Incorrectly Answered Questions	

## Question 1

0.2 out of 0.2 points



If we wanted to disable creating of an object of a base class directly, yet allow derived classes to leverage the constructor we .....

## Question 2

0 out of 0.2 points



The Class Rectangle is

```
class Rectangle
{
public:
    Rectangle(double side);
    void setValues(double width, double height);
    void setValues(double side);
    double getArea (void);
    double getPerimeter(void);
    std::string getDescription();
private:
    double width_, height_;
    std::string description_;
};
```

Create an object of the class, called **rectangle**.with side value **4.2**

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**Question 3**

0.2 out of 0.2 points



A base class **Shape** and derived class **Rectangle** have the same member function **void name()**, how can we access the base class function. from derived class.

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**Question 4**

0 out of 0.2 points



If we have declared a virtual function in base class then then best practice is also to declare

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**Question 5**

0.2 out of 0.2 points



If a base class **Shape** and a derived class **Rectangle** have the same function **void name()** how do we instruct the compiler to prefer the derived version

Monday, 3 April 2017 3:27:44 PM AEST

← OK