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ICS 4U1
Mr. Cardoso
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Homework - Section 6.3 (#1-2)

1   a)
```java
public Fraction(){
    this.num = 0;
    this.den = 1;
}
public Fraction(int num, int den){
    this.num = num;
    this.den = den;
}
public Fraction(Fraction other){
    this.num = other.num;
    this.den = other.den;
}
```
     b)
```java
public static void main(String[] args){
    Fraction f1 = new Fraction(5, 7);
    Fraction f2 = new Fraction(3, 8);
    Fraction f3 = f1.plus(f2);
    Fraction f4 = f1.times(f2);
}
```

2   a)
```java
public Circle(){
    this.x = 0;
    this.y = 0;
    this.r = 1;
}
```
     b)
```java
public Circle(double x, double y, double r){
    this.x = x;
    this.y = y;
    this.r = r;
}
```

```
c) public Circle(Circle duplicate){
       this.x = duplicate.x;
       this.y = duplicate.y;
       this.r = duplicate.r;
   }
```