

## Recitation Week4 Solutions

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### Problem 1:

- a) 6
- b) “4.567 8”.
- c) All integers between 7 and 10 (both included). (int) is needed because Math.round() returns long (not integer or double).
- d) All integers between 0 and 29 (both included).

### Problem 2:

```
/*
 * Rec4-Problem 2: Cartoon Exercise.
 * Author: Suleyman Cetintas. Date: September 16, 2011.
 */
public class Cartoon {
    String name;
    char gender;
    int velocity;
    public Cartoon( String name, char gender, int velocity){
        this.name=name;
        this.gender=gender;
        this.velocity=velocity;
    }

    public int getVelocity(){
        return velocity;
    }

    public static void main(String[] args) {
        int velocity1 = 10 + (int)(Math.random()*6);
        Cartoon cartoon1 = new Cartoon("Dora", 'F',velocity1);
        int velocity2 = 10 + (int)(Math.random()*6);
        Cartoon cartoon2 = new Cartoon("Nick Jr", 'M',velocity2);

        System.out.println(cartoon1.name+"'s velocity is:
"+cartoon1.getVelocity());
        System.out.println(cartoon2.name+"'s velocity is:
"+cartoon2.getVelocity());
    }
}
```