

## Exercise 9-4

`int[] numbers = new int[10];`      \_\_\_\_\_

`float[] numbers = new float[5 + 6];`      \_\_\_\_\_

`int num = 5;`  
`float[] numbers = new int[num];`      \_\_\_\_\_

`float num = 5.2;`  
`Car[] cars = new Car[num];`      \_\_\_\_\_

`int num = (5 * 6)/2;`  
`float[] numbers = new float[num = 5];`      \_\_\_\_\_

`int num = 5;`  
`Zoog[] zoogs = new Zoog[num * 10];`      \_\_\_\_\_

1. Valid
2. Valid
3. Invalid
  - a. Creates int's for a float array
4. Invalid
  - a. Argument must be int
5. Valid
6. Valid