

Final Assessment Solutions

Question 1

```
function product(numStr1, numStr2) {  
  var num1 = Number(numStr1)  
  var num2 = Number(numStr2)  
  if (isNaN(num1) || isNaN(num2)) {  
    return 'please insert two numbers'  
  } else {  
    return num1 * num2  
  }  
}
```

Question 2

```
function arrContains(arr, value) {  
  for (var i = 0; i < arr.length; i++) {  
    if (arr[i] === value) {  
      return true  
    }  
  }  
  return false  
}
```

Question 3

```
var arr2 = mapArr(arr, function(number) {  
  return 'the number is: ' + number  
})
```

Question 4

```
function replaceWords(sentence, word, newWord) {  
  var arr = sentence.split(' ')  
  for (var i = 0; i < arr.length; i++){  
    if (arr[i] === word) {  
      arr[i] = newWord  
    }  
  }  
  
  return arr.join(' ')  
}
```

Question 5

```
function toggleCompleted(task) {  
  var toggledTask = createTask(task.description,  
    !task.completed)  
  return toggledTask  
}
```