

HW10.22

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Problem 1

a.)

```
pnorm(-0.6)
```

```
[1] 0.2742531
```

b.)

```
1 - pnorm(1.3)
```

```
[1] 0.09680048
```

c.)

```
pnorm(2.1) - pnorm(-1.2)
```

```
[1] 0.8670659
```

Problem 2

a.)

```
(70 - 72) / 1.1
```

```
[1] -1.818182
```

b.)

```
1 - pnorm(-1.818182)
```

```
[1] 0.9654818
```

c.)

```
1 - pnorm(70, 72, 1.1)
```

```
[1] 0.9654818
```