Lab 4 - Probability Solution

MATH224 - Intro to Stat

Exercise 1 (4 Points)

Exercise 2 (4 Points)

```
pbinom(25, 35, 0.25)

## [1] 1

# 1 Point for using pbinom
# 1 Point each for the right answers. There are 3 in pbinom.
```

Exercise 3 (5 Points)

```
1 - pbinom(9, 35, 0.25)

## [1] 0.3736763

# 1 Point for using pbinom
# 1 Point for subtracting from 1
# 1 Point each for the right answers. There are 3 in pbinom.
```

Exercise 4 (7 Points)

```
pbinom(31, 35, 0.25) - pbinom(18, 35, 0.25)
```

[1] 0.00019935

```
# 1 Point for using phinom
# 1 Point each for the right numbers. There are 6.
```