# 1 Hópverkefni

## 1.1

Svarið er **(B)** Mengi strengja.

## 1.2

### 1.2.1 BNF

a) `<R> ::= 'a' <R> 'c' | <B>`
   `<B> ::= 'b' <B> | ε`

b) `<R> ::= <abpart> <cdpart>`
   `<abpart> ::= 'ab' <abpart> | ε`
   `<cdpart> ::= 'c' <cdpart> 'd' | ε`

c) `Imposter`

d) `<R> ::= <abpart> <cpart>`
   `<abpart> ::= 'a' <abpart> 'b' | ε`
   `<cpart> ::= 'c' <cpart> | ε`

### 1.2.2 EBNF

a) `R = 'a', R, 'c' | {'b'};`

b) `R = {'ab'}, cdpart;`
   `cdpart = ['c', cdpart, 'd'];`

c) `Prob imposter líka`

d) `R = abpart, {'c'};`
   `abpart = ['a', abpart, 'b'];`

### 1.2.3 Málrit

# 2 Einstaklingsverkefni

## 2.1