Part 1: What do the following regular expressions match?

1. \( /m[aeiou]ddle/ \)
2. \( /m[aeiou]d?dle/ \)
3. \( /m[aeiou]?ddle/ \)
4. \( /\text{(m}[aeiou]?d)^[+]?dle/ \)
5. \( /qw(er)*ty/ \)
6. \( /qwe(r.|ar)*y/ \)

Part 2: Write regular expressions which (exactly) match the following lists of strings:

1. a, as, asd, asf, asdf, ad, adf, af
2. asdf, asf, adf BUT NOT: af, adsf
3. asdf, adsf, asf, adf
4. website names

Part 3: Write a better version of this regular expression: \( /abb*c\text{(d?|e?|f*)}\)/