(a) Ja.

```
@prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>.
@prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#>.
@prefix ex: <http://example.org/>.

ex:Food rdf:type rdfs:Class.
ex:Pizza a rdfs:Class;
        rdfs:subClassOf ex:Food.
```

(b) Nein

(c) Ja

```
@prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>.
@prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#>.
@prefix ex: <http://example.org/>.

ex:Pizza   a rdfs:Class.
ex:Topping a rdfs:Class.
ex:Tomato  a rdfs:Class;
          rdfs:subClassOf ex:Topping.

ex:has_topping rdfs:domain ex:Pizza;
               rdfs:range  ex:Topping.

ex:PizzaMargherita rdfs:subClassOf ex:Pizza;
                   ex:has_topping ex:Tomato.
```

(d) Ja, siehe (c)

```
ex:has_topping rdfs:domain ex:Pizza.
```

(e) Nein