

```
# Given values
U = [3, -2, 5]
V = [-4, -1, 6]

# (a)
sum_UV = sum(u * v for u, v in zip(U, V))
print("(a) (U+3)(V-4) =", sum_expression)

# (c)
V_squared = sum(v ** 2 for v in V)
print("(c) U (UV^2 =", sum_UV_squared)

# (f)
sum_expression2 = sum(u**2 - 2*v**2 + 2 for u, v in zip(U, V))
print("(f) (U/V) =", sum_U_over_V)
```