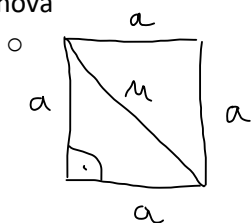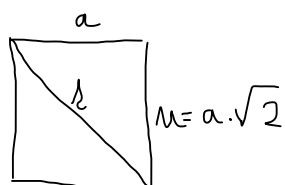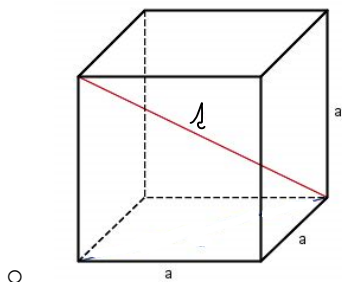# Uhlopriečky kocky

- Stenová
  - 

  - $u^2 = a^2 + a^2$
  - $u^2 = 2a^2$
  - $u = a * \sqrt{2}$

- Telesová
  - 

  - $t^2 = a^2 + u^2$
  - $t^2 = a^2 + 2a^2$
  - $t^2 = 3a^2$
  - $t = a * \sqrt{3}$