

TEOREM PYTHAGORAS

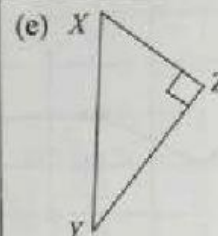
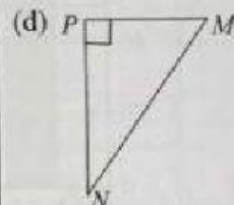
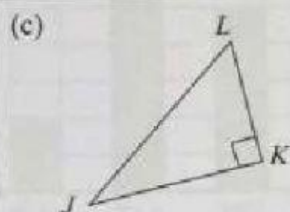
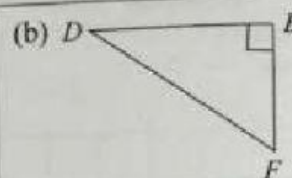
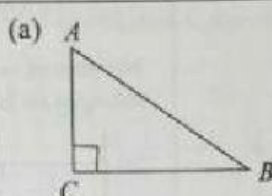
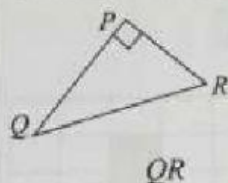
1. Garisan HIPOTENUS ialah garisan _____ (lurus/terpanjang) di dalam sebuah segitiga _____ (bersudut tegak/sama kaki)

2.

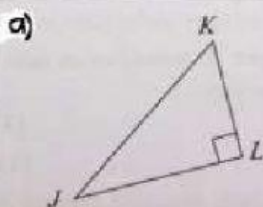
Nyatakan hipotenus bagi setiap segi tiga yang berikut.
State the hypotenuse of each of the following triangles.

13.1.1

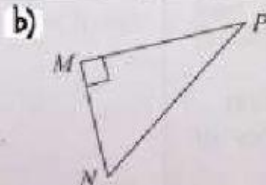
Contoh / Example



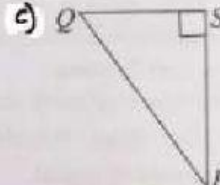
3. Pilih hubungan yang BETUL antara panjang sisi-sisi bagi segitiga berikut.



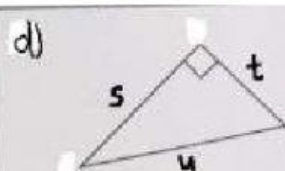
$$\begin{aligned} KL^2 &= LJ^2 + JK^2 \\ JK^2 &= KL^2 + LJ^2 \\ LJ^2 &= JK^2 + KL^2 \end{aligned}$$



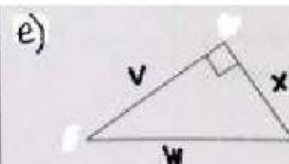
$$\begin{aligned} NP^2 &= MN^2 + PM^2 \\ MN^2 &= NP^2 + PM^2 \\ PM^2 &= MN^2 + NP^2 \end{aligned}$$



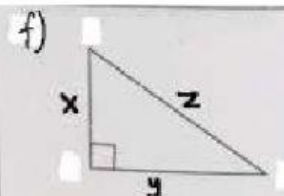
$$\begin{aligned} RS^2 &= SQ^2 + QR^2 \\ SQ^2 &= RS^2 + QR^2 \\ QR^2 &= RS^2 + SQ^2 \end{aligned}$$



$$\begin{aligned} s^2 &= u^2 + t^2 \\ t^2 &= u^2 + s^2 \\ u^2 &= s^2 + t^2 \end{aligned}$$



$$\begin{aligned} w^2 &= v^2 + x^2 \\ v^2 &= w^2 + x^2 \\ x^2 &= v^2 + w^2 \end{aligned}$$



$$\begin{aligned} y^2 &= x^2 + z^2 \\ x^2 &= y^2 + z^2 \\ z^2 &= x^2 + y^2 \end{aligned}$$

