

MATEMATIK TINGKATAN 1

PYTHAGORAS TEOREM

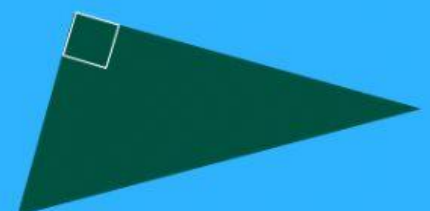
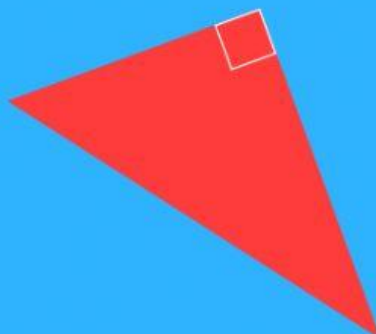
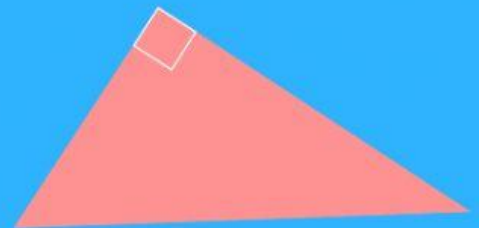
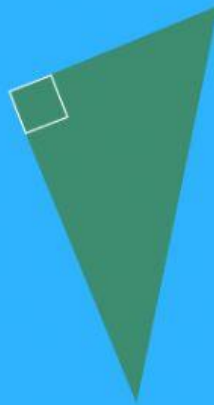
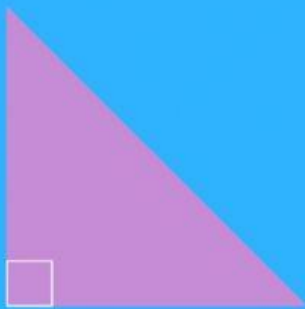
~cikgunurulfazlina@eSTAG~

Mengenalpasti hipotenus

Hipotenus ialah sisi terpanjang dalam sebuah segitiga bersudut tegak dan kedudukannya sentiasa bertentangan dengan sudut tegak.

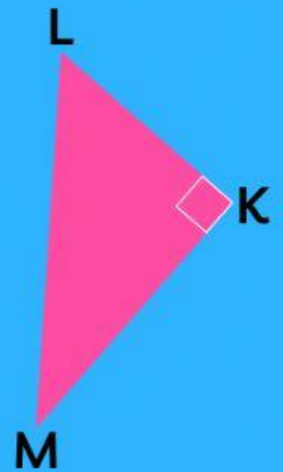
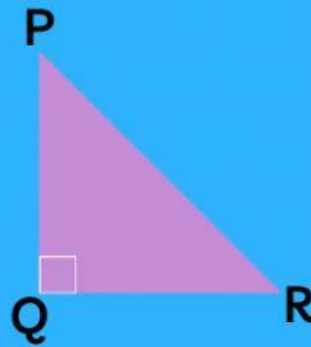
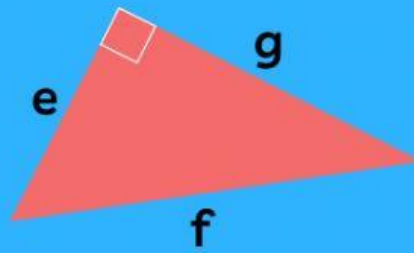
1. Bagi setiap rajah berikut, kenal pasti hipotenus.

Arahan: Tick pada kotak yang disediakan.



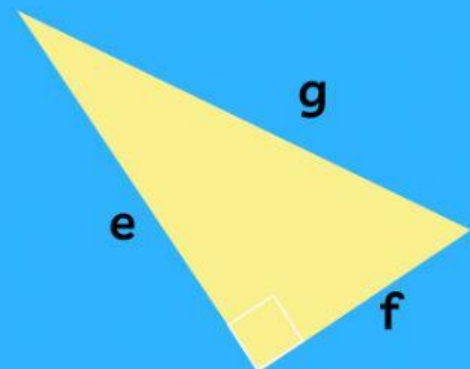
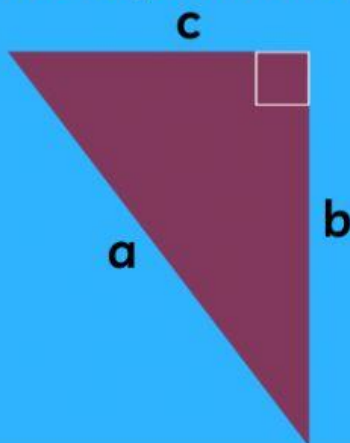
2. Bagi setiap rajah berikut, kenal pasti dan namakan hipotenus.

Arahan: Taipkan huruf pada kotak yang disediakan.



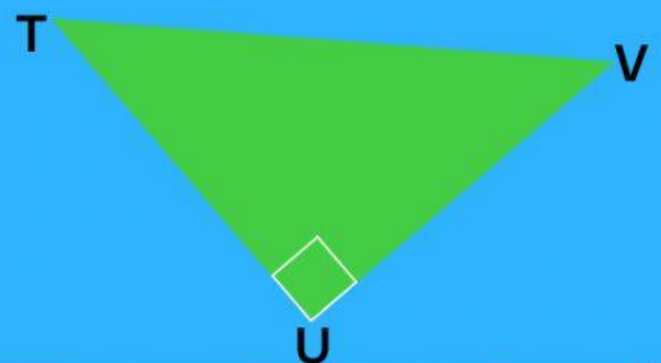
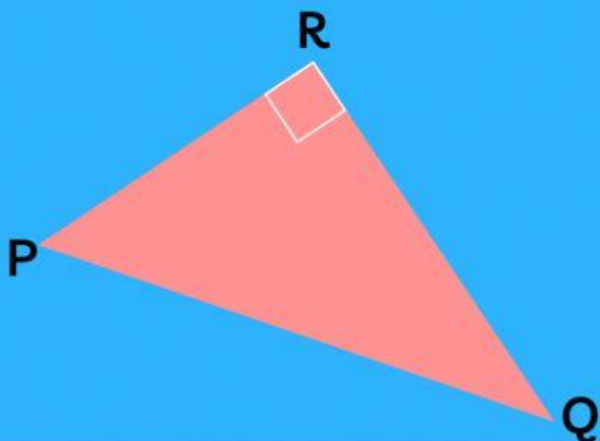
3. Bagi setiap rajah berikut, nyatakan hubungan antara panjang sisi segi tiga bersudut tegak yang diberi.

Arahan: Taipkan huruf pada kotak yang disediakan.



$$c^2 = \quad^2 + \quad^2$$

$$f^2 = \quad^2 - \quad^2$$



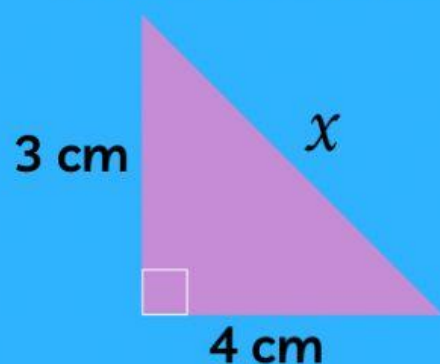
$$PQ^2 = \quad^2 + \quad^2$$

$$TU^2 = \quad^2 - \quad^2$$

Menentukan panjang hipotenus

1. Bagi setiap rajah berikut, hitung nilai x .

Arahan: Isikan nombor pada kotak yang disediakan.



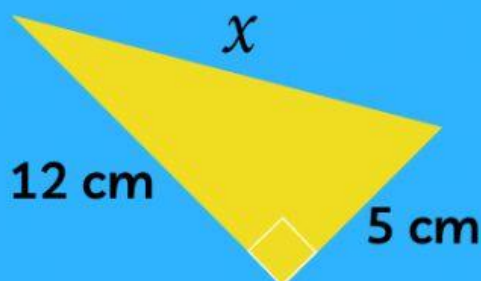
$$x^2 = \quad^2 + \quad^2$$

$$= \quad + \quad$$

$$=$$

$$x = \sqrt{\quad}$$

$$=$$



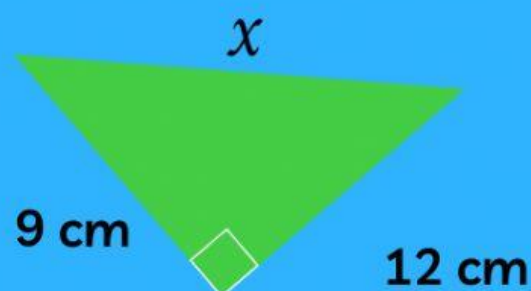
$$x^2 = \quad^2 + \quad^2$$

$$= \quad + \quad$$

$$=$$

$$x = \sqrt{\quad}$$

$$=$$



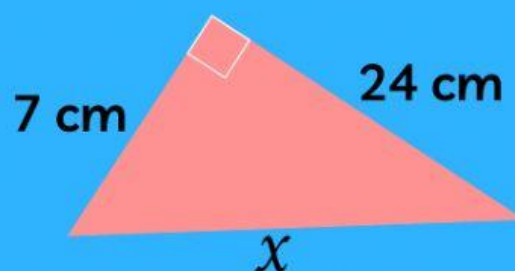
$$x^2 = \quad^2 + \quad^2$$

$$= \quad + \quad$$

$$=$$

$$x = \sqrt{\quad}$$

$$=$$



$$x^2 = \quad^2 + \quad^2$$

$$= \quad + \quad$$

$$=$$

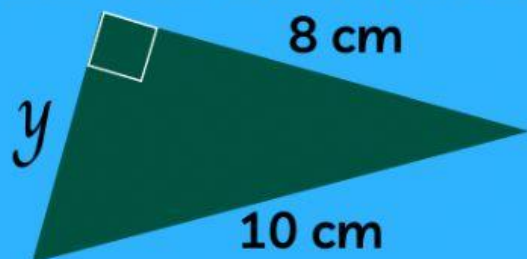
$$x = \sqrt{\quad}$$

$$=$$

Menentukan panjang sisi yang bukan hipotenus

1. Bagi setiap rajah berikut, hitung nilai y .

Arahan: Isikan nombor pada kotak yang disediakan.



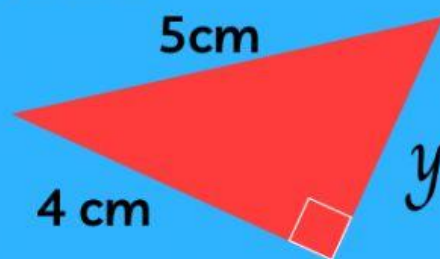
$$y^2 = \quad^2 - \quad^2$$

$$= \quad - \quad$$

$$=$$

$$y = \sqrt{\quad}$$

$$=$$



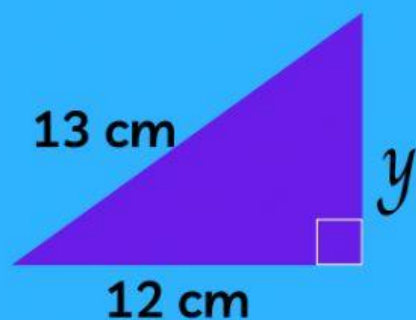
$$y^2 = \quad^2 - \quad^2$$

$$= \quad - \quad$$

$$=$$

$$y = \sqrt{\quad}$$

$$=$$



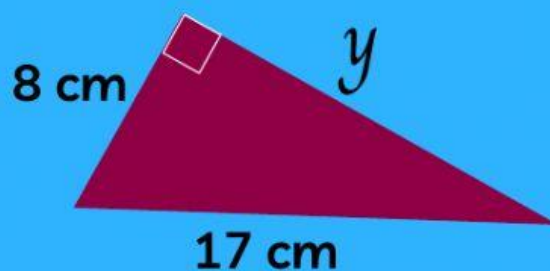
$$y^2 = \quad^2 - \quad^2$$

$$= \quad - \quad$$

$$=$$

$$y = \sqrt{\quad}$$

$$=$$



$$y^2 = \quad^2 + \quad^2$$

$$= \quad + \quad$$

$$=$$

$$y = \sqrt{\quad}$$

$$=$$