

Nama: \_\_\_\_\_

LKPP

YPAS  
SMP AL-INSYAD  
SURABAYA

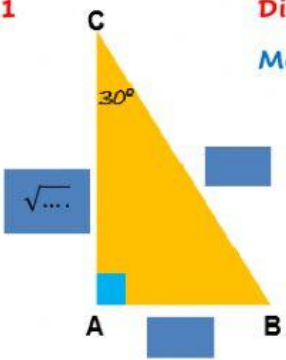
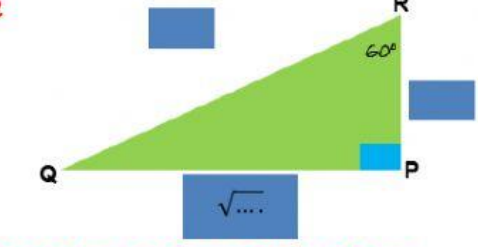
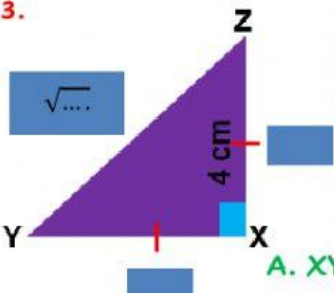
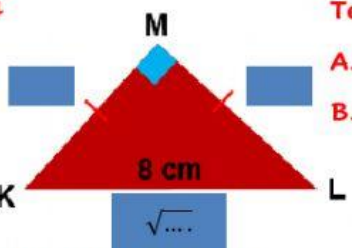
# LEMBAR KERJA PESERTA DIDIK

Kelas 8

Teorema Pythagoras (Sisi Segi-3 Siku<sup>2</sup> Sudut Istimewa)

Kegiatan 3

Isilah kotak-kotak kosong di bawah ini, untuk mencari panjang sisi-sisi pada segitiga yang belum diketahui!

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>1</b></p>  <p>Diketahui AB = 6 cm<br/>Mencari panjang BC</p> $\frac{AB}{BC} = \frac{\dots}{\dots}$ $\frac{6}{BC} = \frac{\dots}{\dots}$ $BC = \frac{\dots \times \dots}{\dots}$ <p>BC = ... cm</p> <p>Mencari panjang AC</p> $\frac{AB}{AC} = \frac{\dots}{\sqrt{\dots}}$ $\frac{\dots}{AC} = \frac{\dots}{\sqrt{\dots}}$ $AC = \frac{\dots \times \sqrt{\dots}}{\dots}$ <p>AC = ... <math>\sqrt{\dots}</math> cm</p> | <p><b>2</b></p>  <p>Diketahui panjang QR = 10 cm<br/>Mencari panjang PQ</p> $\frac{QR}{PQ} = \frac{\dots}{\sqrt{\dots}}$ $\frac{\dots}{\dots} = \frac{\dots}{\sqrt{\dots}}$ $PQ = \frac{\dots \times \sqrt{\dots}}{\dots}$ <p>PQ = ... <math>\sqrt{\dots}</math> cm</p> <p>Mencari panjang PR</p> $\frac{QR}{PR} = \frac{\dots}{\dots}$ $\frac{\dots}{\dots} = \frac{\dots}{\dots}$ $PR = \frac{\dots \times \dots}{\dots}$ <p>PR = ... cm</p> |
| <p><b>3.</b></p>  <p>Tentukan:<br/>A. Panjang XY<br/>B. Panjang YZ</p> <p>Jawab:<br/>A. XY = XZ = ... cm</p> <p>B. Mencari panjang YZ</p> $\frac{XZ}{YZ} = \frac{\dots}{\sqrt{\dots}}$ $\frac{\dots}{YZ} = \frac{\dots}{\sqrt{\dots}}$ $YZ = \frac{\dots \times \sqrt{\dots}}{\dots}$ <p>YZ = ... <math>\sqrt{\dots}</math> cm</p>                                                                                        | <p><b>4</b></p>  <p>Tentukan:<br/>A. Panjang KM<br/>B. Panjang LM</p> <p>Mencari panjang YZ</p> $\frac{KL}{LM} = \frac{\sqrt{\dots}}{\dots}$ $\frac{\dots}{LM} = \frac{\sqrt{\dots}}{\dots}$ $LM = \frac{\dots \times \dots}{\sqrt{\dots}}$ <p>LM = ... <math>\sqrt{\dots}</math> cm</p> <p>KM = LM = ... <math>\sqrt{\dots}</math> cm</p>                                                                                                   |