

### Geometric Mean

Find the geometric mean between 8 and 10.

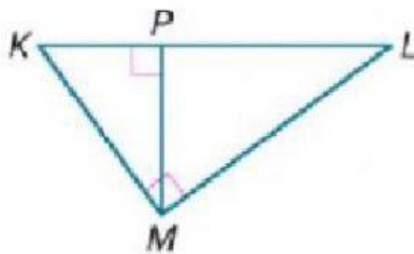
☐ A  $2\sqrt{5}$

☐ B  $4\sqrt{5}$

☐ C  $16\sqrt{5}$

☐ D  $20\sqrt{2}$

Select the similarity statement that identifies the three similar right triangles in the figure.



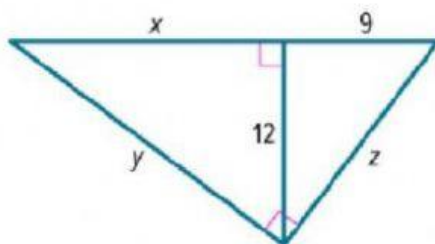
☐ A)  $\triangle KML \sim \triangle MPK \sim \triangle LPM$

☐ B)  $\triangle KPM \sim \triangle MPL \sim \triangle LMK$

☐ C)  $\triangle LKM \sim \triangle LMP \sim \triangle KMP$

☐ D)  $\triangle KML \sim \triangle KPM \sim \triangle MPL$

Find the values of  $x$ ,  $y$ , and  $z$ .



$x =$   ,  $y =$   , and  $z =$   .