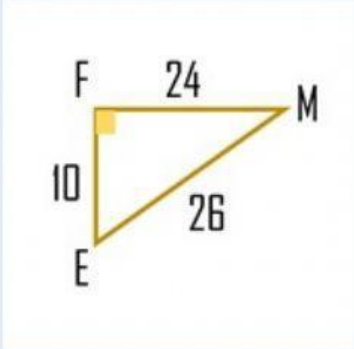
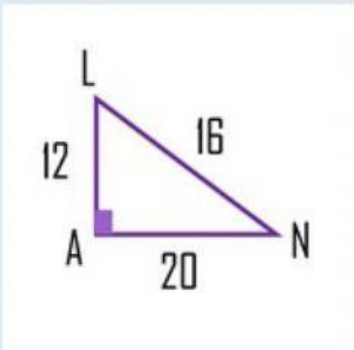
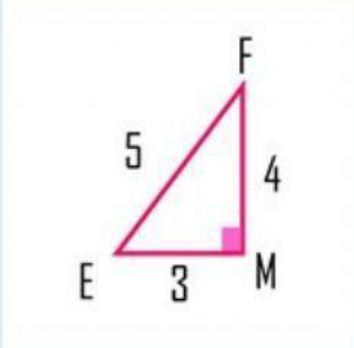


อัตราส่วนตรีโกณมิติ 2

จงหาค่า **sin** , **cos** , **tan** ของมุมที่กำหนด

รูปสามเหลี่ยม	อัตราส่วนตรีโกณมิติ	
	$\sin E = \frac{\text{opposite}}{\text{hypotenuse}} = \frac{FM}{EM}$	$\sin M = \frac{\text{opposite}}{\text{hypotenuse}} = \frac{FE}{EM}$
	$\cos E = \frac{\text{adjacent}}{\text{hypotenuse}} = \frac{FE}{EM}$	$\cos M = \frac{\text{adjacent}}{\text{hypotenuse}} = \frac{FM}{EM}$
	$\tan E = \frac{\text{opposite}}{\text{adjacent}} = \frac{FM}{FE}$	$\tan M = \frac{\text{opposite}}{\text{adjacent}} = \frac{FE}{FM}$
	$\sin L = \frac{\text{opposite}}{\text{hypotenuse}} = \frac{AN}{LN}$	$\sin N = \frac{\text{opposite}}{\text{hypotenuse}} = \frac{LA}{LN}$
	$\cos L = \frac{\text{adjacent}}{\text{hypotenuse}} = \frac{LA}{LN}$	$\cos N = \frac{\text{adjacent}}{\text{hypotenuse}} = \frac{AN}{LN}$
	$\tan L = \frac{\text{opposite}}{\text{adjacent}} = \frac{AN}{LA}$	$\tan N = \frac{\text{opposite}}{\text{adjacent}} = \frac{LA}{AN}$
	$\sin E = \frac{\text{opposite}}{\text{hypotenuse}} = \frac{FM}{FE}$	$\sin F = \frac{\text{opposite}}{\text{hypotenuse}} = \frac{EM}{FE}$
	$\cos E = \frac{\text{adjacent}}{\text{hypotenuse}} = \frac{EM}{FE}$	$\cos F = \frac{\text{adjacent}}{\text{hypotenuse}} = \frac{FM}{FE}$
	$\tan E = \frac{\text{opposite}}{\text{adjacent}} = \frac{FM}{EM}$	$\tan F = \frac{\text{opposite}}{\text{adjacent}} = \frac{EM}{FM}$