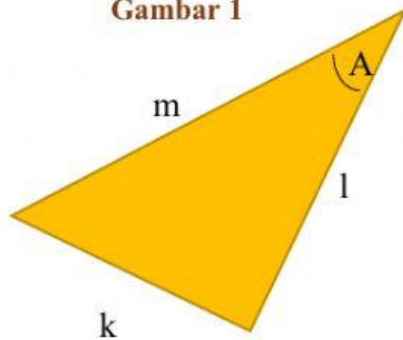


Sekolah	: SMKN 1 Balongan	LKPD 1 Perbandingan Trigonometri	Nama Siswa	:
Mapel	: Matematika		Kelas	: X TMI 1
Guru	: Widiharti, S.Pd.			

Tentukan perbandingan trigonometri untuk setiap segitiga siku-siku berikut ini:

Gambar 1



$$\sin A = \frac{\text{opposite}}{\text{hypotenuse}} = \frac{l}{m}$$

$$\cos A = \frac{\text{adjacent}}{\text{hypotenuse}} = \frac{k}{m}$$

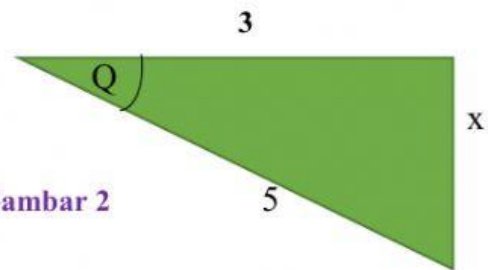
$$\tan A = \frac{\text{opposite}}{\text{adjacent}} = \frac{l}{k}$$

$$\operatorname{cosec} A = \frac{\text{hypotenuse}}{\text{opposite}} = \frac{m}{l}$$

$$\sec A = \frac{\text{hypotenuse}}{\text{adjacent}} = \frac{m}{k}$$

$$\cot A = \frac{\text{adjacent}}{\text{opposite}} = \frac{k}{l}$$

Gambar 2



$$x = \dots$$

$$\sin Q = \frac{\text{opposite}}{\text{hypotenuse}} = \frac{x}{5}$$

$$\cos Q = \frac{\text{adjacent}}{\text{hypotenuse}} = \frac{3}{5}$$

$$\tan Q = \frac{\text{opposite}}{\text{adjacent}} = \frac{x}{3}$$

$$\operatorname{cosec} Q = \frac{\text{hypotenuse}}{\text{opposite}} = \frac{5}{x}$$

$$\sec Q = \frac{\text{hypotenuse}}{\text{adjacent}} = \frac{5}{3}$$

$$\cot Q = \frac{\text{adjacent}}{\text{opposite}} = \frac{3}{x}$$