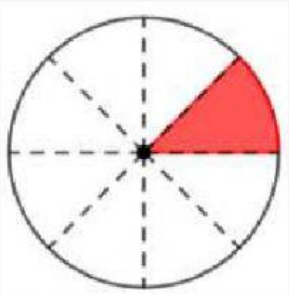
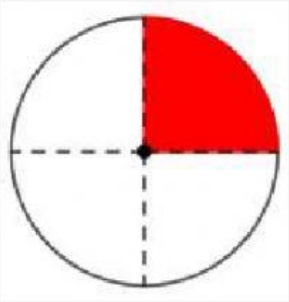
TUGAS MANDIRI 4: Hubungan antara panjang busur dan luas juring

Nama :

Kelas :

No. Persensi :

Berikut ini daerah berwarna merah adalah gambar juring lingkaran yang bersesuaian dengn sudut pusatnya masing masing. Lengkapilah tabel berikut yang masih kosong

Gambar busur	Besar sudut pusat	Rasio sudut pusat terhadap 360°	Rasio luas juring terhadap luas lingkaran
		$\frac{sudut\ pusat}{360°}$	$\frac{luas\ juring}{luas\ lingkaran}$
	$45°$	$\frac{45°}{360°} = \frac{1}{8}$	$\frac{1}{8}$
			

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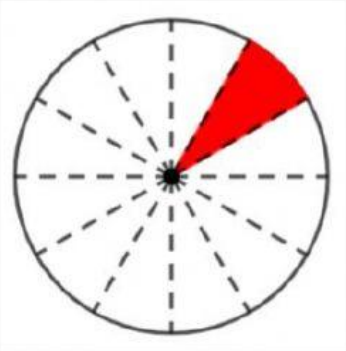
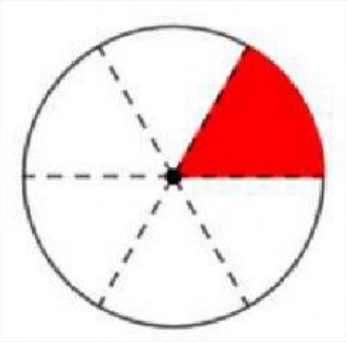
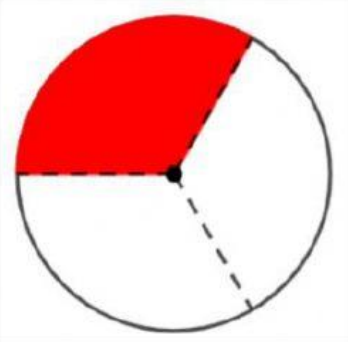
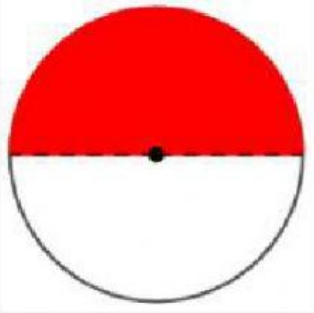
Gambar busur	Besar sudut pusat	Rasio sudut pusat terhadap 360°	Rasio luas juring terhadap luas lingkaran
			
			
			
			

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Kesimpulan

Apakah ada hubungan antara sudut pusat lingkaran dengan luas juring lingkaran? Berikan alasanmu!

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