



# MATEMATIKA KELAS 6

## Luas Lingkaran

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Tulislah identitasmu dengan jelas!



No. Absen:

Nama Lengkap:

Kelas :

A. Hitunglah luas bangun lingkaran berikut ini!

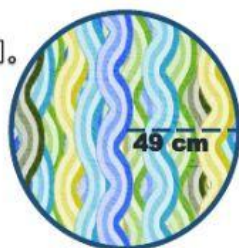


Ingat! Rumus Luas Lingkaran  $L = \pi \times r \times r$

Jika ukuran lingkaran kelipatan 7, gunakan  $\frac{22}{7}$

Namun jika bukan kelipatan 7, gunakan  $\pi = 3,14$  dengan penulisan  $\frac{314}{100}$

1.



$r =$  cm

$d =$  cm

$\pi =$  —

$$L = \pi \times r \times r$$

$$= \text{—} \times \text{cm} \times \text{cm}$$

$$= \text{—} \times \text{cm}^2 = \text{—} \text{cm}^2$$



2.



$r =$  cm

$d =$  cm

$\pi =$

$$L = \pi \times r \times r$$

$$= \text{—} \times \text{cm} \times \text{cm}$$

$$= \text{—} \times \text{cm}^2$$

Tuliskan bentuk penyederhanaannya!

$$= \text{—} \text{cm}^2$$



NO 3, 4, dan 5 lanjut halaman setelahnya!



3.



40 cm

$$r = \text{ cm}$$

$$d = \text{ cm}$$

$$\pi =$$

$$L = \frac{1}{2} \times \pi \times r \times r$$

$$= \text{ — } \times \text{ — } \times \text{ cm } \times \text{ cm}$$

Tuliskan bentuk penyederhanaannya!

$$= \text{ — } \times \text{ cm}^2$$

$$= \text{ — } \text{ cm}^2$$



4.



20 cm

$$r = \text{ cm}$$

$$d = \text{ cm}$$

$$\pi =$$

$$L = \frac{3}{4} \times \pi \times r \times r$$

$$= \text{ — } \times \text{ — } \times \text{ cm } \times \text{ cm}$$

Tuliskan bentuk penyederhanaannya!

$$= \text{ — } \times \text{ cm}^2$$

$$= \text{ — } \text{ cm}^2$$



5.



28 cm

$$r = \text{ cm}$$

$$d = \text{ cm}$$

$$\pi = \text{ — }$$

$$L = \frac{1}{4} \times \pi \times r \times r$$

$$= \text{ — } \times \text{ — } \times \text{ cm } \times \text{ cm}$$

$$= \text{ — } \times \text{ cm}^2$$

$$= \text{ — } \text{ cm}^2$$



Ahamdulillah