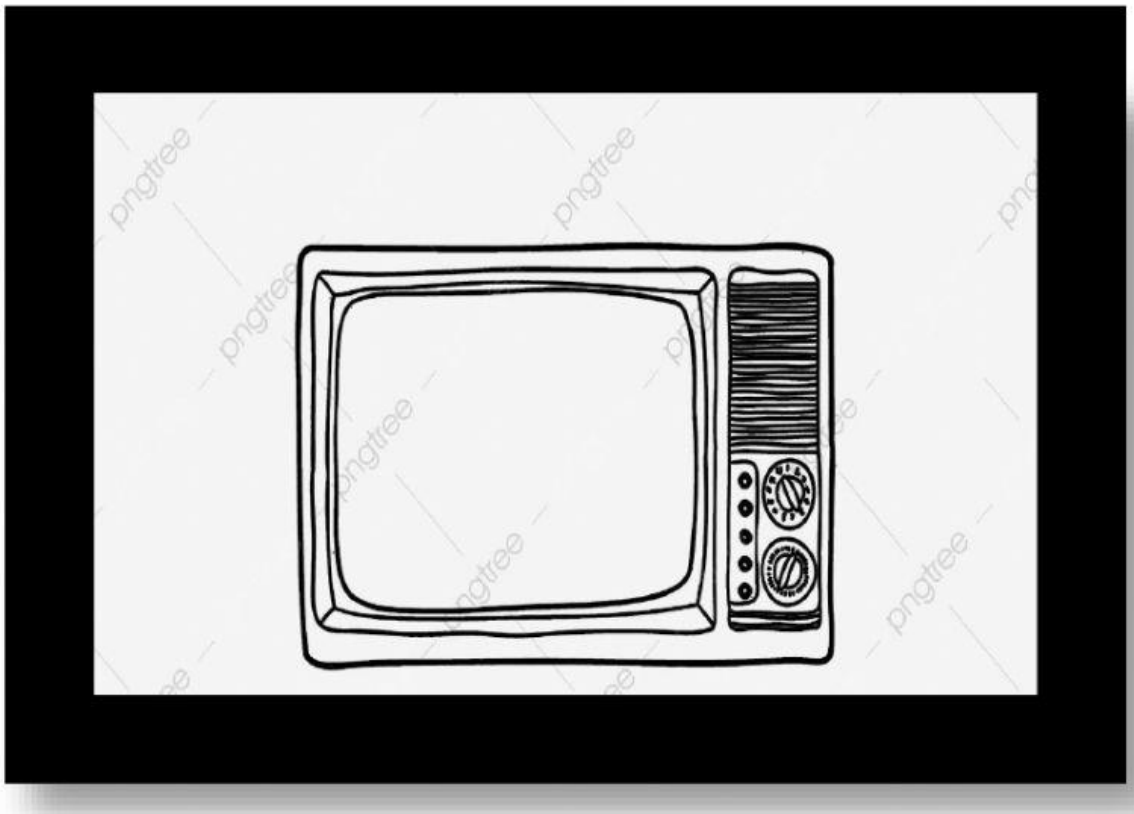
LKPD

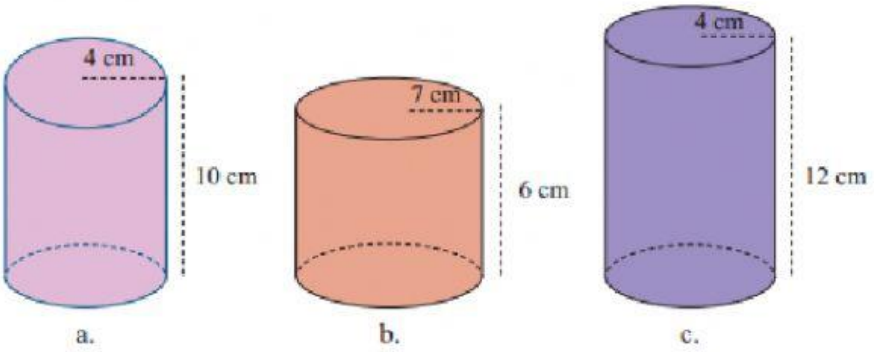
BANGUN RUANG SISI LENGKUNG



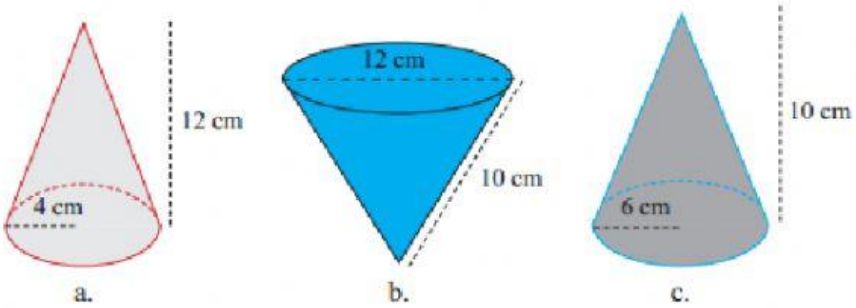
1. Diketahui sebuah tabung memiliki jari-jari alas 7 cm dan tinggi 20 cm. Jika $\pi=\frac{22}{7}$, maka luas selimut tabung adalah ...
   A. 440 $cm^2$
   B. 628 $cm^2$
   C. 880 $cm^2$
   D. 3.080 $cm^2$
2. Sebuah kerucut mempunyai tinggi 15 cm dan panjang garis pelukis 17 cm. Volume kerucut tersebut adalah ....
   A. $960\pi$ $cm^3$
   B. $640\pi$ $cm^3$
   C. $320\pi$ $cm^3$
   D. $1700\pi$ $cm^3$

LIVEWORKSHEETS

3. Pilih mana yang sesuai gambar bangun di bawah ini.




4. Perhatikan gambar BRSL berikut.

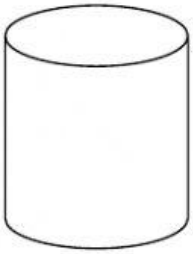
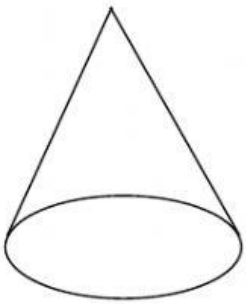
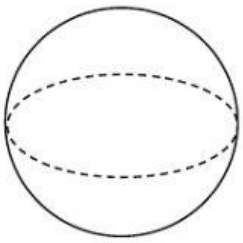



5. Buat garis ke jawaban yang benar.

| | |
|---|---|
| Luas selimut tabung dengan r = 7 cm dan t = 10 | L = 5.544 $cm^2$ |
| Luas selimut kerucut dengan r = 5 cm dan garis pelukis 10 cm | L = 440 $cm^2$ |
| Luas permukaan bola dengan d = 21 cm dan $\pi = \frac{22}{7}$ | L = 157 $cm^2$ |

LIVEWORKSHEETS

6. Tarik garis yang sesuai dengan gambar berikut

| Gambar | Rumus | Pilihlah |
|---|---|---|
|  | | $V = \frac{1}{3}\pi r^2 t$ |
|  | | $V = \frac{4}{3}\pi r^3$ |
|  | | $V = \pi r^2 t$ |

LIVEWORKSHEETS

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